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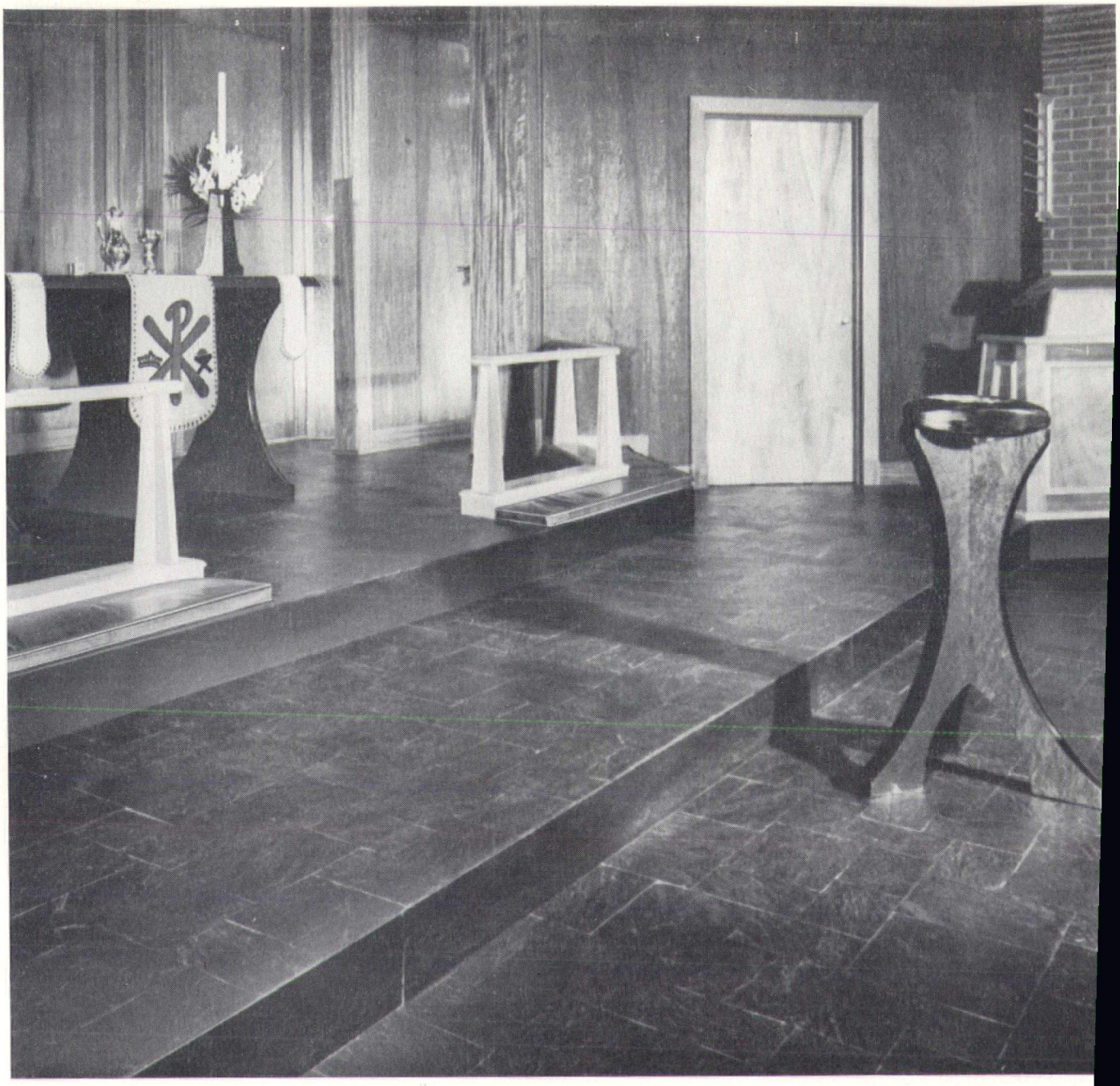
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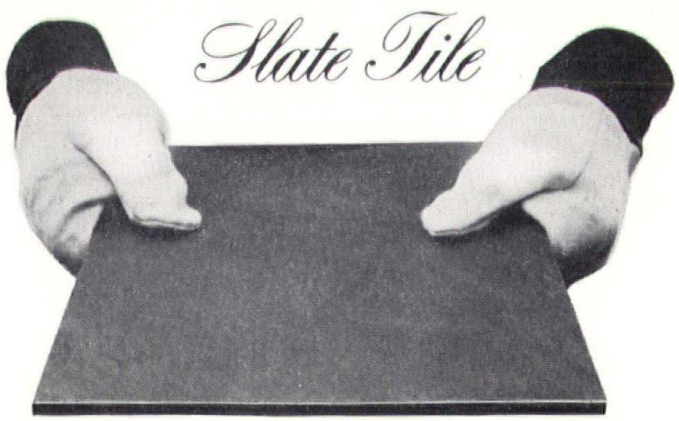
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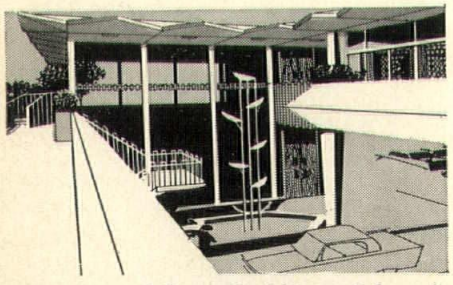
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Out of a need for drive-up tellers' windows, as well as parking facilities, came this handsome banking center. Tulsa's First National Autobank is a delightful example of the many ways concrete can combine structural practicality with good design.

Here, concrete plays a major decorative role in many different ways. You see everything from folded plate canopies over the parking arcade to walls and sunscreens in high-style masonry shapes. Drives are black concrete. Upper deck parking area is a hollow-core concrete deck.

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Architectural Editor

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VOLUME LXXXV — MAY 1963 — NUMBER FIVE

It's Hot in the Daytime, BUT There's Nothing to Do at Night

SEVERAL ISSUES AGO, an unhappy meeting with a Dallas couple was recorded here, and a number of enlightened persons were kind enough to mention their pleasure and gratification at seeing a forthright admission of the Sahara-like condition of Virginia's cities at night. As pointed out then, the natives have learned to live with it, but it is shabby treatment to guests trapped overnight in our communities and it does leave a poor impression.

In referring to this theme there is not the remotest hope that any words written to be read by any segment of the general public can accomplish anything toward making our cities more civilized for visitors. The only written words that accomplish any end in a democracy are those addressed in volume to members of legislative branches of government. When enough constituents harp on a single theme, action is usually forthcoming in the form of votes in the houses of legislation.

A long time ago, then Vice-President Garner rebuffed then President Roosevelt with the words, "What's the use of talking, bub? You haven't got the votes." It happened that Garner picked on the wrong man, for Roosevelt was the type of politician who, wasting no further time talking, got the votes. But here we are not dealing with anything so practical as vote-getting; this is a matter of taking a look at our society as others see it.

In the first place, the average Virginian still regards the state, rather proudly, as a rural community, and a time-lag exists between the old ideal of an agricultural society and the reality of an urban society. Neither our people nor their chosen representatives conceive of the state as predominantly a community of cities; there seems almost an embarrassment about speaking out unashamedly for the life of the city. Norfolk, Newport News, Richmond, Roanoke, the Arlington-Alexandria area, and other urban centers represent the contemporary Virginia which insists upon regarding itself as some charming vestige of horse-and-buggy rides down honeysuckle lane. There is nothing in the least charming upon darkened city streets at nine o'clock at night, with the only sound the hollow steps of some lonely walker echoing like the footsteps of an intruder in a mausoleum.

This is actually a vestige of the rural attitude which, having itself no interest in life after dark, righteously denies the need of it to others. And, of course, the ruralites had the votes. But today, with cities the center of Virginia's population and economic structure, this vestigial attitude is denying the rights of diversion after sundown to an increasing volume of visitors who (1) could bring money into the state, (2) take away good will, to cause (3) more people to bring more money and (4) make the cities increasingly more attractive.

Yet, with the state government, agencies and many businesses dedicated to promoting tourism, our communities inflict upon tourists the standards of a McKinley era Cowpasture Junction. And it is done very arrogantly too under another vestigial attitude: what's good enough for Virginians is too good for anybody else.

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THE COVER presents the striking new Kirn Memorial Library located in the heart of downtown Norfolk. Cover story on page 10.

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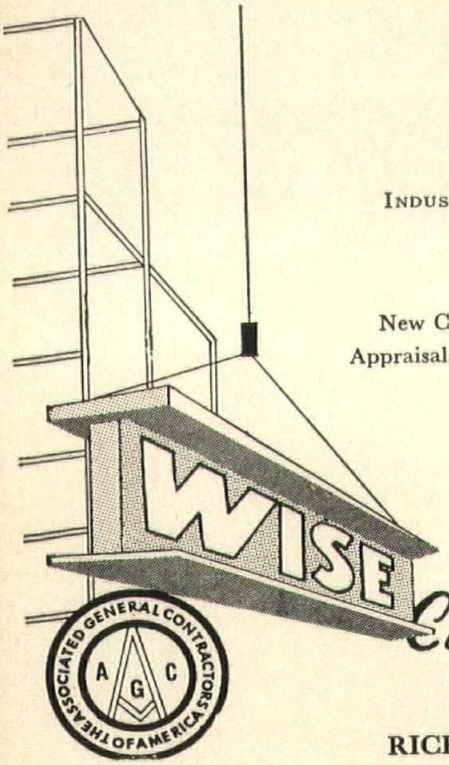
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General Contractors for Plant and Office Building, Cardwell Machine Company, Featured on Page 22, River Towers Apartment, Page 21.

NEW CORPORATE MEMBERS



ROY JOHN CAVA

A native of War, West Virginia, he was born December 1, 1918, and attended the Norfolk Division of William and Mary. He also completed a correspondence course from the Wilson School of Structural Engineering, Cambridge, Massachusetts. An Associate Member of the Chapter since April, 1956 until his recent election to Corporate, he has had his own firm in Newport News since 1961.

(*Continued on page 8*)

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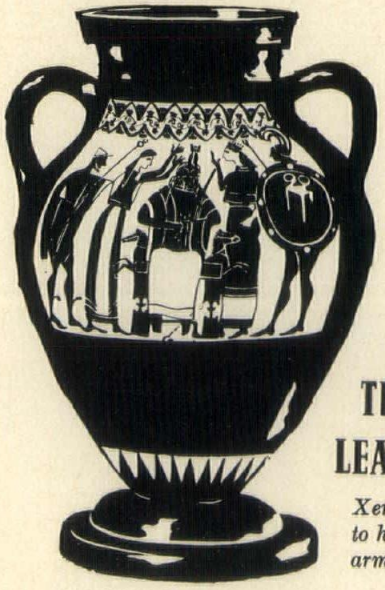
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Greek Amphora c. 550 B.C.

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FEATURED ON PAGE 14



JAMES HAROLD GOULD

Born April 26, 1925 in Richmond, Gould received a B.S. in Building Construction from Virginia Polytechnic Institute in 1950, and became an Associate Member of the Virginia Chapter, AIA in 1954. Prior to college, he graduated from Glen Allen High School in Glen Allen, Virginia. He has practiced architecture in his own firm in Richmond since May, 1961.

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THOMAS RICHARD PETTY

He was born in Newport News on May 18, 1933, and is a graduate of Warwick High School. A recipient of a football scholarship to V.P.I., where he was selected All-State, All-Conference, and received Honorable Mention for All-American end, he earned a B.S. Degree in Architectural Engineering in 1955. He took additional architectural studies at V.P.I. from 1959 to 1961, and has been with Oliver and Smith in Norfolk since September, 1961.

(*Continued on page 40*)



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COVER STORY



CENTRAL PUBLIC LIBRARY

NORFOLK

LUBLIN, McGAUGHY & ASSOCIATES
Architects & Engineers

DR. JOSEPH L. WHEELER
Library Consultant

PAUL TISHMAN CO., INC.
General Contractor

NORFOLK'S NEW Central Public Library, known as the Henry and Elizabeth Kirn Memorial Library, is now completed. The cornerstone ceremony was held on May 18, 1962, at which time a sealed container was buried adjacent to the cornerstone and marked with a bronze plaque. Contents of the cornerstone box included various documents relative to the City of Norfolk and the library, in addition to newspaper clippings, photographs, Code of the City of Norfolk, list of city and library officials, and a copy of the book "Norfolk: Historic Southern Port" by Wertenbaker and Schlegel. W. Fred Duckworth, Norfolk's mayor at that time, contributed a letter addressed to "Some Future Generation," stating in brief the significance of the library and a brief statement of its development. Formal dedication ceremonies followed in June 1962, and the library was officially opened to the public at that time.

Norfolk's new library fulfills a long-standing need and constitutes a major step forward toward placing the city's library system on a par with systems of other cities of comparable size. Choice of site, which is in the heart of the downtown area, and size of the new structure follow closely the recommendations made in the 1958 Doms-Munn Report "Library Service for Norfolk, Virginia." Although there was some opposition to the central site at the time of its choice, subsequent public response to the new building has indicated the wisdom of the original study, and Lublin, McGaughy & Associates, Architects and Consulting Engineers for the project, were extremely fortunate in having Dr. Joseph L. Wheeler, noted library authority, as consultant during the planning stage of the building. Dr. Wheeler has recently visited the city and has expressed his satisfaction at the final results.

Total cost of the project, including site, furnishings and construction, is approximately $2,500,000, and was made possible through the bequests of Miss Elizabeth Kirn, the Munro Black Foundation, and Friends of the Library, whose gifts were equaled and augmented by the City of Norfolk. The building is situated on City Hall Avenue between Bank Street and Atlantic Street, and has one minor facade on Plume Street. The structure occupies an entire block, with the exception of the existing Board of Trade Building, a 40-year old, nine story office structure. The library is planned to house 260,000 volumes, with later expansion to 500,000. In addition to Dr. Wheeler, the architects were also very fortunate in having Arthur Kirkby as Norfolk's librarian. Mr. Kirkby was consulted frequently and at length during the planning and construction stages, and deserves much credit for his contribution to the success of the project.

The new building contains the most modern library services, with most of the public areas located on the ground and mezzanine floor and visible from the street level through large areas of grayed plate glass. The central charging desk is located directly opposite the main City Hall Avenue entrance, and is shaped in the form of a giant horseshoe. From there the visitor is directed to the various departments. On the ground floor are the general service area, periodical and display section, business and technical department, and the civics and educational department. On the mezzanine, easily reached by twin elevators or a monumental stair, is the young adult department, art and music department, audio visual department, and the local and state history department contained in the Sargent Room, which also houses the rare book collection. On the second floor are located the children's department, a large meeting room seating 300 persons for

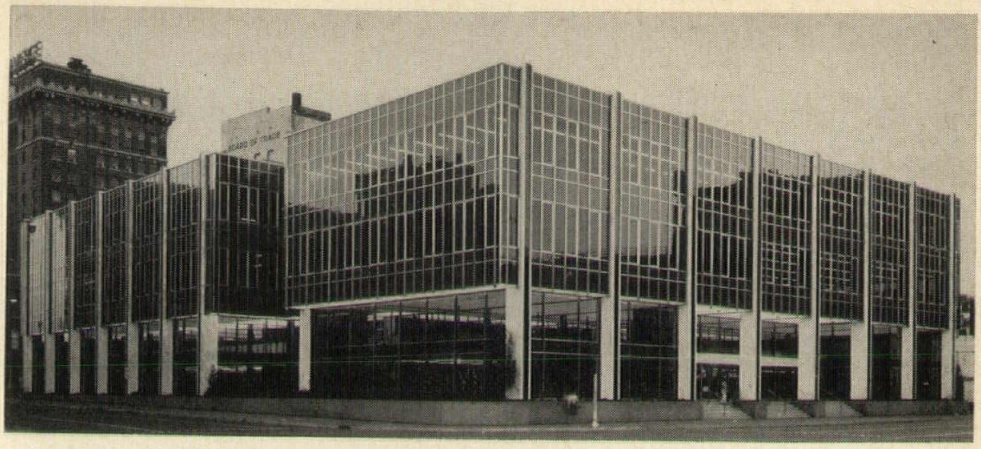
community and library-associated useage, the administrative area. The remainder of the second floor and the third floor will consist of stack areas, closed to the general public.

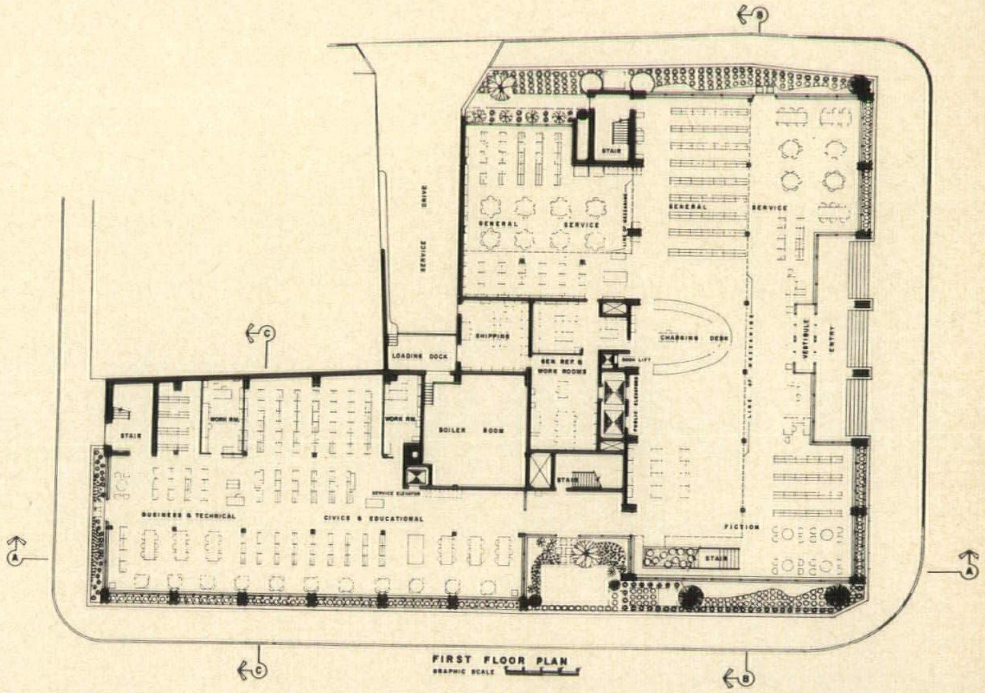
In architectural concept, the library is formed of two similar structural elements at right angles to each other, arranged to form an "L" shape, with the long side of one element on City Hall Avenue and the long side of the other on Bank Street. A connecting lobby serves to separate one element from the other and allows the ground and mezzanine floor of the City Hall Avenue wing to be expanded into additional floor area for readers and staff work. Above the ground floor of 20,000 square feet is the mezzanine floor of 13,080 square feet and the second and third floors of 19,860 square feet each, making a grand total of 72,800 square feet for the entire building.

The structure consists of fireproofed steel framing without interior columns, except those required for the mezzanine floor. Column footings rest on concrete piles averaging 60 feet in length. Structural elements are designed to carry an additional two stories when future expansion is considered. Floors and roof are 1½ inch metal deck and 2½ inch structural concrete topping, with the exception of the ground floor which is of structural concrete.

Structural columns located at the exterior building line are expressed as white marble shafts. The walls themselves are of glass and stainless steel curtain wall on the second and third floors, and stainless steel window framing on the ground and mezzanine floors. All glass in the building is grayed, with dark gray glass used above

(*Continued on page 50*)





FIRST FLOOR PLAN

(Photos by Haycox Photoramic, Inc.



SUBCONTRACTORS AND SUPPLIERS

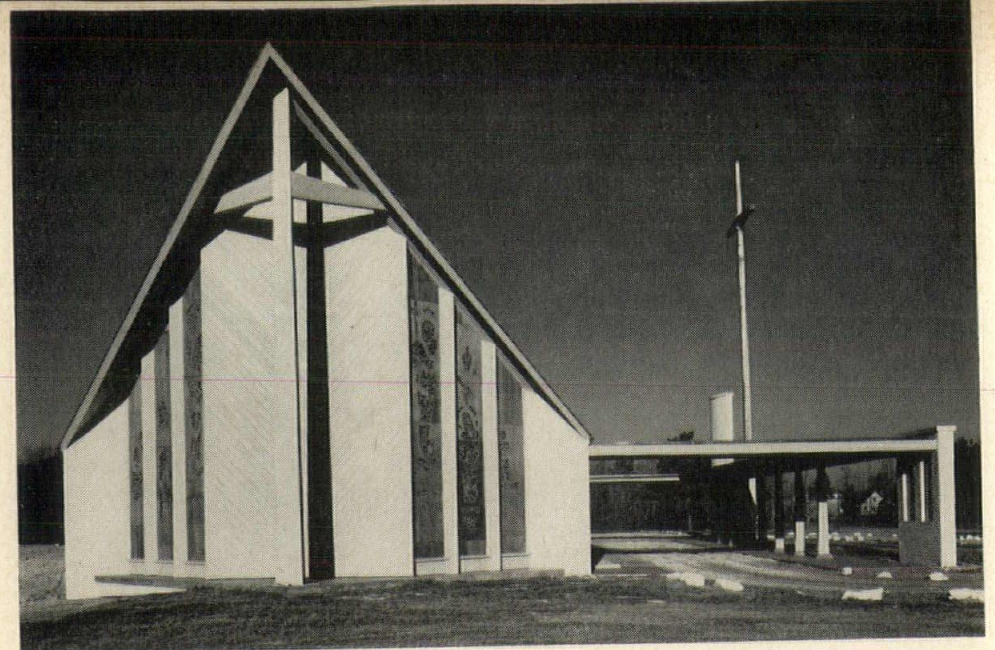
E. T. Gresham Co., Inc., Norfolk, demolition; Aldo Engineering & Construction Corp., James T. Copley, Inc., Portsmouth, excavating; Raymond Concrete Pile Div., New York, N. Y., piling; R. E. Carrick Company, Phila., Penna., foundations; Snow, Jr. & King, Inc., Norfolk, stone work—erection, masonry supplier and contractor; Marko Engineering Co., Inc., Charlotte, N. C., steel, steel roof deck.

Fowler Roofing Co., Inc., Norfolk, waterproofing, roofing; Limbach Company, Pittsburgh and Columbus, windows, window walls; Vermont Marble Co., Proctor, Vt., Cold Springs Granite Co., Cold Springs, Minn., stone materials; Bowen-Hamor Co., Charlotte, glazing; E. Caligari & Son, Inc., Norfolk, painting, plastic wall finish; L. T. Zoby & Sons, Norfolk, insulation. plumbing, air conditioning, heating, ventilating.

Hampshire Corporation, Norfolk, acoustical; Peter Bratti, New York, ceramic tile; Ajax Company, Inc., Norfolk, terrazzo; Rudnick Bros., Inc., Bronx, N. Y., millwork; Atlantic Hardware Co., New York, hardware; E. C. Ernst, Inc., electrical work.

Library furniture was by Sjostrom, Herman-Miller, Knoll-Contractors, Brownson Equipment and Knoll Associates.

Carpentry and paneling was done by the general contractor.



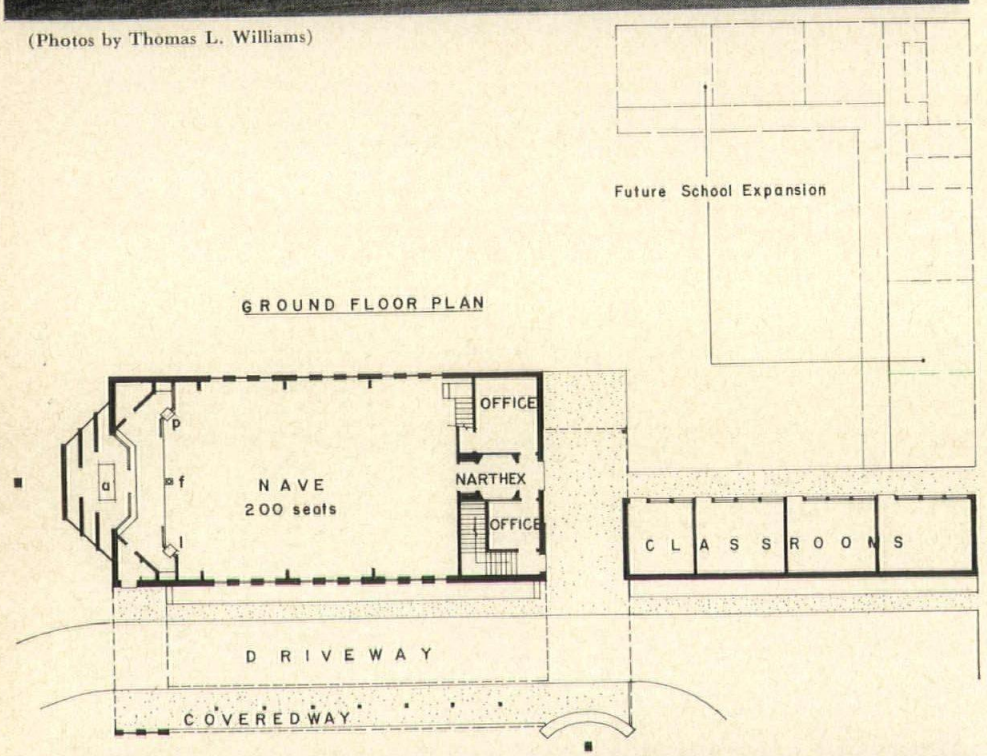
(Photos by Thomas L. Williams)

Contemporary Emporia Church

MILTON L. GRIGG, FAIA
Architect

BRANDT & MORSE
Consulting Engineers

NEWSOME BROTHERS
General Contractor



COMPLETED IN OCTOBER of last year, St. John's Lutheran Church in Emporia is a handsome contemporary building, rich with natural materials and a credit to its architect, Milton L. Grigg, F. A. I. A.

The exterior walls and interior partitions are of brick. The roof is covered with concrete shingles. The floors are of slate and vinyl while exposed woodwork, finished naturally, is in evidence everywhere. The architect designed the interior and selected the furnishings.

As Mr. Grigg says in an essay for the formal dedication program, "First of all the congregation is alert and aware of the challenges of this present; they are not, however, disdainful of the lessons and inheritance of the past."

From the exterior, the architect states, the new building speaks of the restrained nostalgia for the churches of our forefathers and at the same time

(*Continued on page 56*)



SUBCONTRACTORS AND SUPPLIERS

Newsome Brothers, Emporia, general contractor, foundations, concrete, carpentry; Concrete Structures, Inc., Richmond, concrete; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete; Hendricks Concrete Shingle Co., Richmond, roofing; Anderson Millwork, windows, chunk glass in masonry in nave portion; James H. Carr, Inc., Washington, D. C., structural wood.

Blenko Glass, Milton, W. Va., chunk glass; Simpson Redwood, paneling; Buckingham-Virginia Slate Co., slate; Kentile, resilient tile; B. C. Sheetz, Bridgewater, chancel millwork; Miller Mfg. Co., Inc., Richmond, millwork; Capitol Lighting Co., Inc., Alexandria, lighting fixtures; Andrews Electric Service, Lawrenceville, electrical work.

Wm. Spykhoven & Son Plumbing & Heating, Emporia, plumbing; Bunin-Zwicker Electric Co., Inc., Norfolk, air conditioning, heating, ventilating (Typhoon Heat Pump); Southern Desk Co., Hickory, N. C., seating; Colonial-Hites Co., Greensboro, N. C., bronze work.

NORFOLK REDEVELOPMENT AREA OFFICES



(Haycox Photoramic, Inc.)

DIXIE JUTE BAGGING COMPANY

WILLIAMS & TAZEWELL: Architects

VANSANT & GUSLER
Electrical and Mechanical Consultants

W. B. MEREDITH, II, INC.
General Contractor

● In "redeveloped" Norfolk new offices for the Dixie Jute Bagging Company and John S. Jenkins and Company have been recently completed in the City's Atlantic City Project. These new offices have joined several other such businesses in this light industrial area.

Access to the offices from adjacent parking is provided through a small walled garden which provides a pleasant respite from the industrial character of the surroundings. The entrance skirts this garden and opens into the lobby which separates the garden and the open information and clerical area. This clerical area, or general office, is supplemented by offices for accounting and traffic control, a record vault, sample room, offices for company officers and a kitchen and employee's lounge.

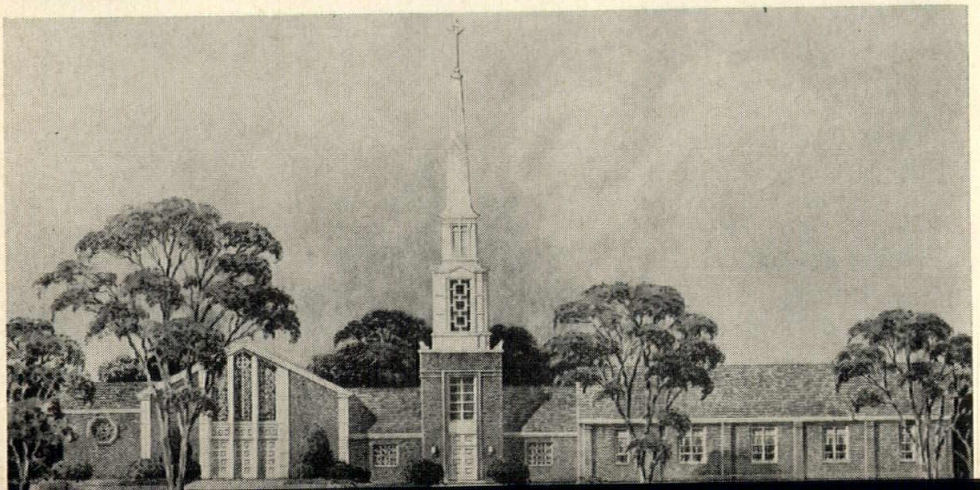
Building materials employed include a soft red-orange brick, copper on the canopy and fascias, and white concrete for the screen. The woodwork inside is in walnut and the floors are slate and vinyl asbestos.

Principal subcontractors include: masonry, Arthur Prunier; structural steel, Marshall Steel Co., Inc., aluminum windows, metal partitions, glass & glazing, Building Supplies Co.; metal doors and frames, Door Engineering; ceramic tile and stonework, Ferrell Linoleum & Tile Co., Inc.; acoustic tile and insulation, Hampshire Corporation; plastering, Woods Plastering Co.; painting, Shaw Paint & Wall Paper Co., Inc.; kitchen equipment, Eastern Electric Corp.; heating, air conditioning, plumbing, E. K. Wilson & Sons, Inc.; electrical, Austin Electric Co. All are Norfolk firms.





Photos, top to bottom, show the Mt. Olivet Methodist Church, the Del Ray Baptist Church, and the Grace Presbyterian Church.



Three Colonial Churches in Northern Area

EIMER CAPPELMANN
Architect

COUNTS, LAWRENCE & WHEELER
Mechanical Consultants

FORTUNE ENGINEERING ASSOCIATES
Structural Consultants

EARL K. ROSTI, INC.
General Contractor

● Designs for three colonial churches in Northern Virginia have been executed recently by architect Eimer Cappelmann of Arlington.

Completed spring before last is the Del Ray Baptist Church at 2405 Russell Road in Alexandria. Of brick with white colonial trim, the tall steepled building lends an air of distinction to its neighborhood. The interior walls of the church are of plaster; it has a slate roof and wood double-hung windows. The floors are of asphalt tile. Now under construction and to be completed this spring is the Grace Presbyterian Church at Grace and Bath Streets in Springfield. It is also of Virginia brick and will feature a tall and distinguished steeple. Plaster was used for the interior walls. The roof is asphalt asbestos. The windows in this building also are wood double-hung and the floors are of asphalt tile.

Interesting features of the building include a signal system built into the sanctuary for communications between the organist and the incoming choir; and between the ushers in the narthex and the minister and organist. Concealed microphones and a speaker system provide a most sophisticated sound system which can also be directed into the library for the accommodation of latecomers to services.

The choir room of the Grace Church is designed with a high ceiling to simulate the ceiling of the sanctuary as nearly as possible for rehearsals. A separate stairway takes the choir to the loft precluding interference with other church circulation.

Now under construction at 1510 N. Glebe Road in Arlington is the Mt. Olivet Methodist Church. Quite similar in appearance to the other two churches described above, the Mt. Olivet Church features a colonial spired steeple, red Virginia brick and wood

(*Continued on page 48*)

NEW NORFOLK TERMINAL



(Haycox Photoramic, Inc.)

● Recently completed in the heart of a "redeveloped" City of Norfolk is the new bus terminal for the Carolina Coach Company. Replacing the existing terminal which was built in 1940, the new building is the largest terminal which Trailways has in Virginia. The new facilities are also the latest in a series of buildings throughout the South. The present site was retained as an expression of confidence in the future of Norfolk's central downtown district.

The new building faces Norfolk's Main Street and presents a sparkling facade of aluminum, glass, and black granite—a delightful contrast to the all masonry character of the old city. The decorative grille in anodized aluminum screens the windows of the clerical and managerial functions of the terminal; it serves to control the amount of light penetration, thereby reducing the air conditioning load. The signs in bright porcelain enamel provide accents of color in a scheme of black, white, grey, and aluminum.

The first floor of the building contains a waiting room with a capacity of 150 persons and with ticket and information counter, concession stand, telephones, and locker storage. Adjacent to the waiting room is the cafeteria which offers refreshments to bus patrons as well as the public. Also on the first floor are convenient luggage and express facilities. The waiting room offers an interesting view to the north of an extended concourse which stretches 250 feet to Plume Street. The covered concourse provides easy access to the waiting buses.

On the second floor are clerical offices, public lounges, and rest rooms, divisional offices, board room, drivers' lounges, and tour office.

Construction of the new Trailways Terminal was completed in August and opened with colorful ceremony with local and state dignitaries on hand, including Lt. Governor Mills Godwin.

W. B. Meredith, II, Inc., Norfolk, who was general contractor also handled the work on excavating, foundations, carpentry and glazing. Subcontractors and suppliers included:

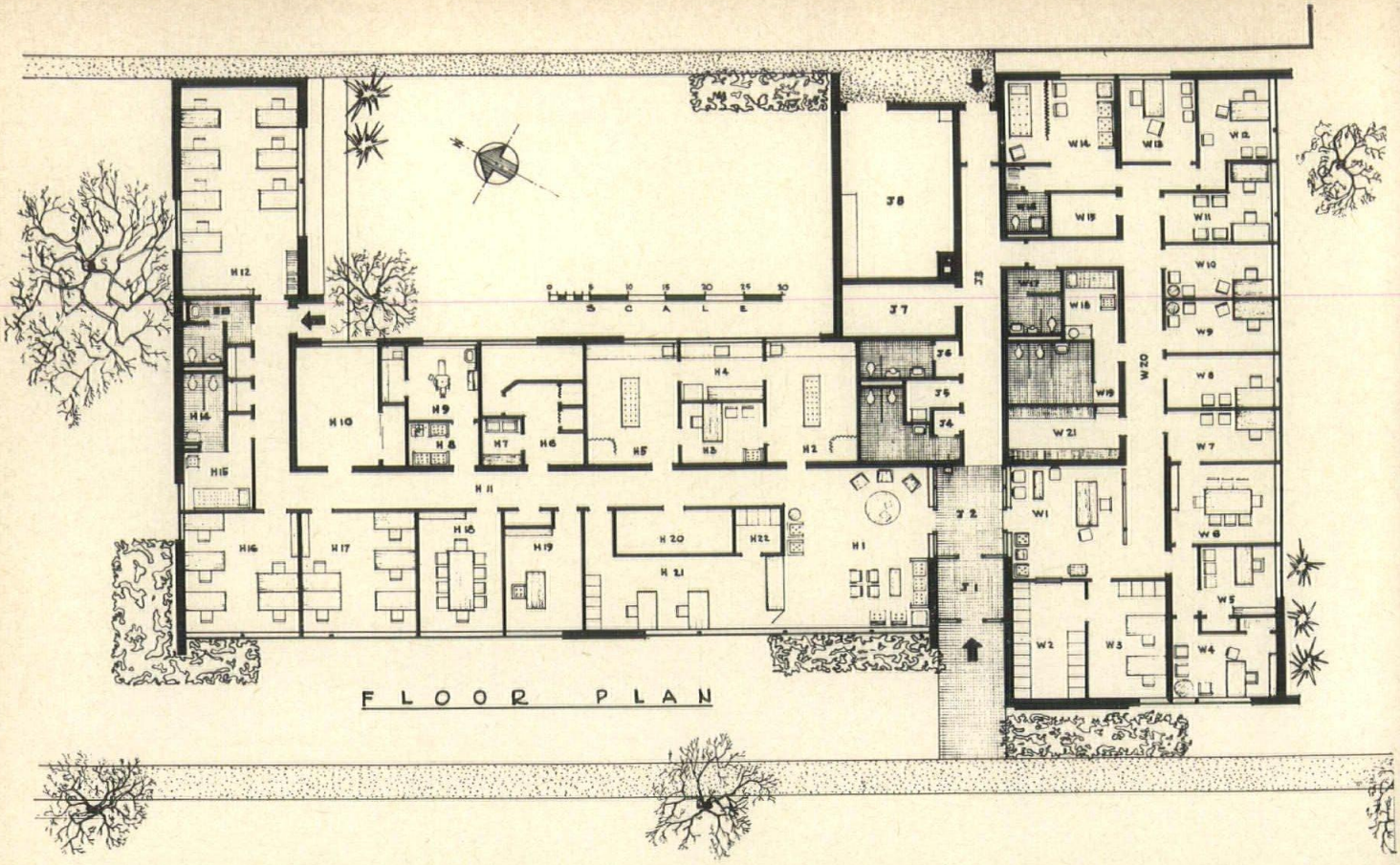
Woodrow W. Ford, piling; Commonwealth Sand & Gravel Corp. and Southern Materials Co., Inc., concrete; Eastern Building Supply Co., masonry supplier; W. T. Stowe, Inc., Portsmouth, masonry contractor; Barnum-Bruns Iron Works, steel, steel roof deck; American Sheet Metal Corp., roofing.

Ajax Co., Inc., stone work; Building Supplies Co. (Kawneer), window walls; E. Caligari & Son, Inc., painting; Elliot & Co., Inc., plastic wall finish, paneling, millwork; Grover L. White, Inc., terrazzo, ceramic tile, resilient tile; L. W. Roberts Co., Richmond, lighting fixtures.

Hampshire Corp., insulation, acoustical; Johns Bros., Inc., plaster; Door Engineering, steel doors and bucks, hardware; Charles W. Davis, electrical work; Adams Brothers Plumbing Corp., Virginia Beach, plumbing fixtures, plumbing, air conditioning, heating and ventilating; E. C. White, paving.

All are Norfolk firms unless otherwise identified.

WILLIAMS & TAZEWELL: ARCHITECTS
SILVER ASSOCIATES: CONSULTING ENGINEERS
THAYER & WALLACE: STRUCTURAL CONSULTANTS
W. B. MEREDITH, II, INC.: GENERAL CONTRACTOR



ROANOKE COUNTY HEALTH AN

CONSTRUCTION OF A NEW Health and Welfare Center for Roanoke County began during the month of February 1963 and completion is scheduled for September 1963.

The building will be situated on the property at the corner of College Avenue and Third Street in Salem, with approximately 60 percent of the building area devoted to use by the County Health Department and 40 percent of area for use by the County Welfare Department.

The building of irregular shape is 145 feet long and will contain 8,500 sq. ft.; there will be a foyer and central corridor for joint use of both departments. The Health portion of the building will include a reception and assembly room large enough to seat 35 persons for clinical lectures and also for use as a meeting place for other community groups, clerk's office, director's office, conference room, offices for nurses and sanitarians, an X-ray room, a dental room and physio-therapy room. The Welfare portion will include a reception area, offices for the superintendent and supervisor, a small conference room, record storage room, clerk's office, a nursery room and offices for case workers.

The single story building will afford easy access for the elderly and infirm by use of a slightly ramped walkway and elimination of stairs at the main entrance. The basic design concept was one of clean lined simplicity as would befit the function of both the Health Department and the Welfare Department, yet with touches of color for added interest, and semi-continuous fenestration to produce a feeling of openness and warmth in harmony with the community which it is to serve.

Generally the structure will be of incombustible materials, including brick faced exterior walls with all interior walls of concrete masonry units (both bearing and non-bearing); the roof structure will consist of steel joists and metal roof deck supporting rigid insulation and a built up roof of tar, felt and gravel composition. The concrete floor slab will generally be covered with vinyl asbestos tile for resiliency, cleanliness and ease of maintenance; walls

FLOOR PLAN LEGEND

HEALTH DEPARTMENT PORTION

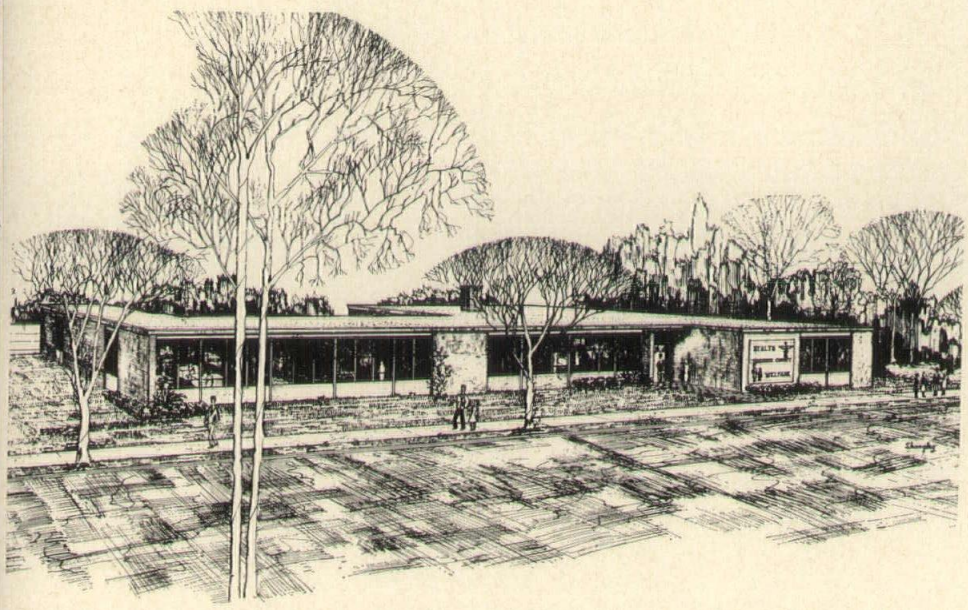
H1 Waiting Rm.
H2 Examination Rm.
H3 Consultation Rm.
H4 Laboratory
H5 Examination Rm.
H6 X-Ray Rm.
H7 Dark Rm.
H8 Waiting
H9 Dental Rm.
H10 Physio-Therapy
H11 Corridor
H12 Sanitarians Rm.
H13 Mens Toilet
H14 Womens Toilet
H15 Womens Rest Rm.
H16 Nurses Office
H17 Nurses Office
H18 Conference Rm.
H19 Directors Office
H20 General Storage
H21 Clerks Office
H22 Record Vault

PORTION FOR JOINT USE

J1 Vestibule
J2 Foyer
J3 Corridor
J4 Public W. Toilet
J5 Janitors Closet
J6 Public M. Toilet
J7 Telephone Equip. Rm.
J8 Mechanical Equip. Rm.

WELFARE DEPARTMENT PORTION

W1 Reception Rm.
W2 Record Storage
W3 Clerks Office
W4 Superintendents Office
W5 Supervisors Office
W6 Conference Rm.
W7 Case Work Rm.
W8 Case Work Rm.
W9 Case Work Rm.
W10 Case Work Rm.
W11 Child Work Rm.
W12 Child Work Rm.
W13 Child Work Rm.
W14 Nursery Rm.
W15 General Storage
W16 Nursery Toilet
W17 Mens Toilet
W18 Womens Rest Rm.
W19 Womens Toilet
W20 Corridor
W21 Clothing Storage



WINSTON S. SHARPLEY, AIA:
Architect

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

WATTS & BREAKELL, INC.
General Contractor

ELFARE CENTER

are to have a paint finish in soft colors to produce good light reflectivity and an atmosphere in keeping with activities in various areas and increased employee efficiency. There are toilets for employees in both the Health and Welfare portions as well as public toilets in the area for joint use of both departments; toilets are to have floors and wainscots of impervious materials.

The contract includes grass seeding and a paved parking area in the rear of the building with a 33 car capacity. Mechanically and electrically, the Center will be air conditioned by use of an automatic gas fired boiler and an electric chiller to produce both hot and chilled water which will be piped throughout the building. Each room will contain a fan coil unit with individual thermostat control, supplying heat or cooling as required. Lighting generally will be supplied by surface mounted fluorescent fixtures.

Overall cost of building and outside work will be approximately $135,000 ($16.00 per sq. ft.) with the Virginia State Health Department and the United States Public Health Service participating to the extent of 55 percent of the cost of the Health Department portion of the building only.

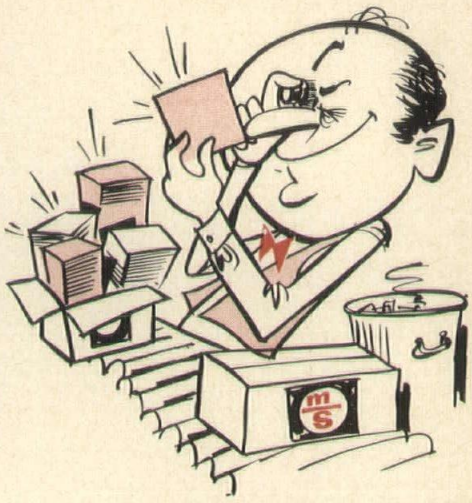
The Roanoke County Health Department is presently located in rented quarters consisting of two residental type frame buildings located at 231 College Avenue in Salem, while the County Welfare Department has for many years operated in the old McClung Building adjacent to the County Court House. There has been a long felt need for improved building facilities for both departments and since both departments have overlapping duties requiring cooperation between the two, it became advantageous to

(*Continued on page 54*)

SUBCONTRACTORS AND SUPPLIERS
(Partial List Only)

Concrete Ready Mixed Corp., concrete; Old Virginia Brick Co., Inc., Salem, brick; Lightweight Block Co., Inc., block; C. J. Carter, masonry contractor; Roanoke Iron Works, Inc., steel; Tauscher Roof Deck Co., Bristol, Tenn., roof deck; Leonard Smith Sheet Metal Works, Inc., Salem, roofing; Webb Tile & Marble Co., ceramic tile; A. L. Horwitz, windows; Pittsburgh Plate Glass Co., glazing; W. Morton Northen & Co., Inc., Richmond, acoustical and resilient tile; Skyline Paint & Hardware, Inc., hardware; South Roanoke Lumber Co., millwork; Wholesale Builders Supply Co., door frames; G. J. Hopkins, Inc., mechanical and electrical.

Earth work was by the general contractor. All are Roanoke firms unless noted otherwise.



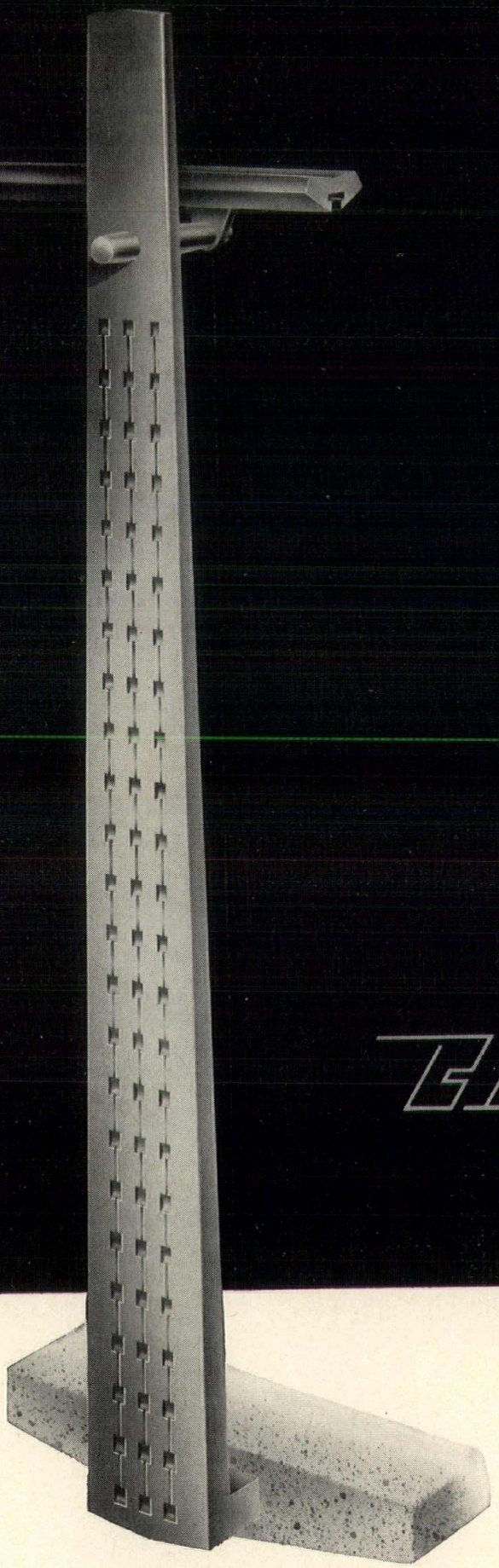
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DANVILLE AIRPORT TERMINAL



(Laymon Studios)

HAYES, SEAY, MATTERN & MATTERN
Architects

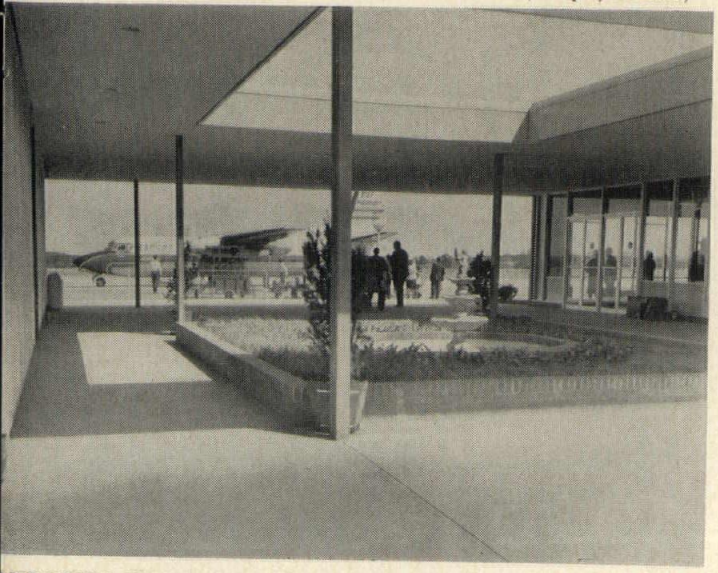
JOHN W. DANIEL & CO., INC.
General Contractor

• The City of Danville has evinced a continuous and increasing interest in aviation since the year 1926 when a small metal hangar was erected and a short dirt runway was graded. These original meager facilities have been progressively expanded to keep pace with the fast-growing demands for air travel.

Commercial use of the airport was inaugurated in 1945 by a short-haul shuttle service of the Atlantic and Western Airline to make connections with long-distance flights. By 1948 both Eastern Airlines and Piedmont Airlines were making regularly scheduled stops in Danville. In the 1950's the citizens of the City began to feel that the development of the physical facilities was rather slow, and before the end of the decade, the necessity for improved facilities was recognized as imperative.

During the latter part of 1960, the City Council received assurance from the Federal Aviation Agency and from the State Aviation Committee that matching funds would be available for financing a new airport terminal building. Following the assurance of financial assistance, the Council voted the funds necessary to complete the building and to install the high intensity lights. Construction was begun in July, 1961, and work proceeded steadily to its recent completion. The high intensity lights were in operation in April, 1962, and the new building was occupied in June, 1962.

(Dempsey De Hart)



The building is rectangular, approximately 216 feet long long by 57 feet deep, one story high with partial basement, and has a total floor area of 15,772 square feet. It is divided into two parts separated by a covered court. One area of the building provides office, storage and counter space for two airlines; a snack area; and a spacious lobby. The other part houses the offices, radio equipment and flight ready rooms for the FAA-Danville Flight Service Station. The basement area contains the heating and air-conditioning equipment, storage and shops.

The building is of steel frame construction. The walls are predominantly aluminum framed window wall, with certain areas of face brick on concrete block back-up. Partitions generally are of concrete block. Roofing is built-up type on insulating concrete on open-web steel joists. Floors are concrete. Flooring in the lobby is terrazzo, in toilets is ceramic tile, in offices and certain other areas is resilient tile, and elsewhere is exposed concrete. Walls are finished with vinyl fabric in the lobby and snack bar. Ceilings are acoustical tile in the public areas and offices. Heating and summer air-conditioning are provided by a central chilled and hot water system. Chilled water is supplied by a package chiller and hot water by a gas-fired boiler. Change-over is accomplished manually. Cooling tower is located on the roof, concealed by a decorative aluminum screen. Electrical work under the contract included maintenance of electrical and communications service of the F.A.A. and Weather Bureau facilities during the operations. Exterior site work and utilities generally were by the owner.

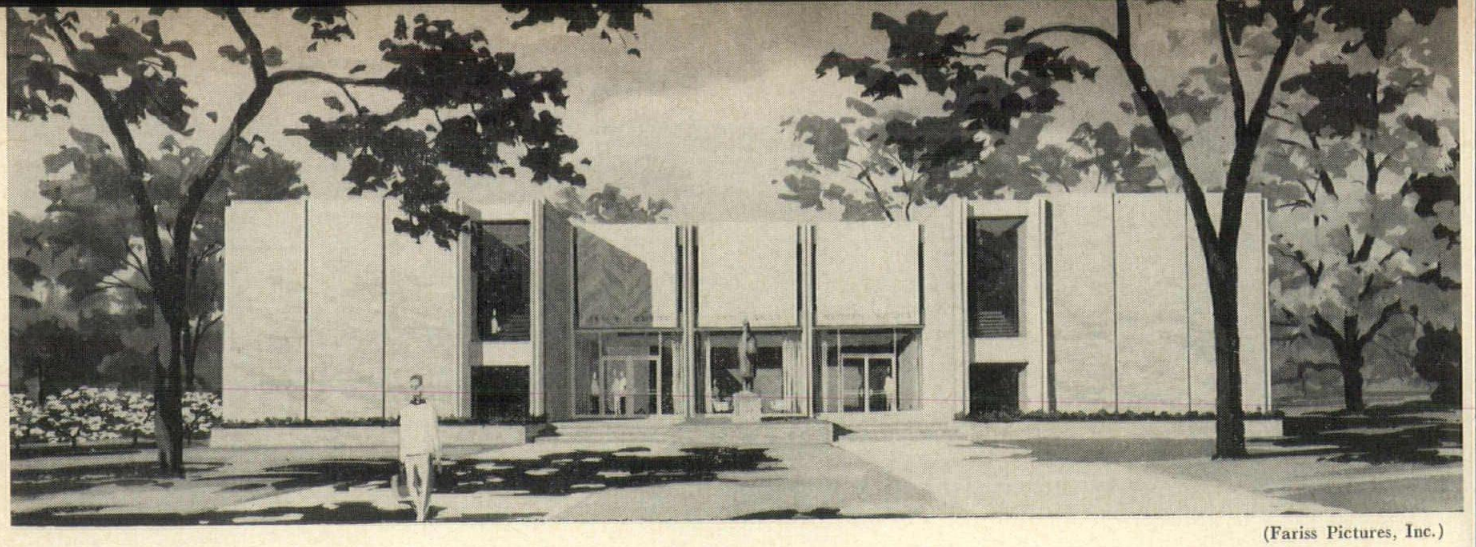
The contract price was $233,000. The unit cost of the building is $14.77 per square foot.

SUBCONTRACTORS AND SUPPLIERS

John W. Daniel & Co., Inc., Danville, excavating, foundations, concrete, masonry, carpentry, waterproofing, plaster; Montague-Betts Co., Inc., Lynchburg, steel, paneling, steel doors and bucks; Bonitz Insulation Co., Greensboro, N. C., roof deck; Helms Roofing Company, Martinsville, roofing; Lynchburg Auto Glass Co., Lynchburg, window walls.

Pittsburgh Plate Glass Co., Danville, glazing; Hedrick Bros., Danville, painting, plastic wall finish; Shields, Inc., Winston-Salem, acoustical; Cress Tile & Marble Co., Danville, ceramic tile, terrazzo; J. W. Squire Co., Danville, resilient tile; Danville Lumber & Mfg. Co., Danville, millwork.

Wise-Hundley Electrical Co., Inc., Danville, electrical work; T. C. Dameron Plumbing & Heating, plumbing; Bagby Equipment Co., Inc., Danville, air conditioning, heating, ventilating; John W. Hancock Co., Roanoke, steel joints; Andco, Greensboro, North Carolina Illuminated Sign.



(Fariss Pictures, Inc.)

Old Dominion College Engineering School

WILLIAMS & TAZEWELL: Architects

WEBSTER M. CHANDLER, JR.
Mechanical & Electrical Consultant

JOE D. GLENN, JR.
Structural Consultant

VIRGINIA'S THIRD engineering school, which is being established at Old Dominion College in Norfolk, will be housed in this new classroom building now being designed by Williams and Tazewell, Architects.

The 3,000 square feet of space will be arranged on two floors with the first floor devoted to reception areas, administrative and professional offices, a lecture and demonstration hall, conference and counselling rooms, engineering materials and thermo-dynamics drafting classrooms and a reference library.

On the second floor will be drafting rooms and classrooms for engineering analysis, structural design, electrical and mechanical field theory, seminar, design, system analyses, engineering analysis and synthesis.

This new building, in keeping with the college's decision to depart from

(*Continued on page 54*)

PARK VIEW CHRISTIAN CHURCH–PORTSMOUTH

MELVIN M. SPENCE & ASSOCIATES: Architects

J. H. HOFFMAN: Mechanical Consultant

E. H. BOWMAN, JR.: Electrical Consultant

E. B. SMALL: Structural Consultant

J. L. SMITH CORP.: General Contractor

SUBCONTRACTORS AND SUPPLIERS

Chesapeake Steel, Inc., Norfolk, steel, steel roof deck; Roof Engineering Corp., Norfolk, roof deck; Ausley Roofing Co.; Norfolk, roofing; Brown and Grist, Inc., Newport News, windows; Binswanger Glass Co., Norfolk, glazing; Burgess Brothers Painting Contractors, Portsmouth, painting; W. Morton Northen & Co., Inc., Norfolk, insulation, acoustical; J. T. Eley, Jr., Portsmouth, plaster; Portsmouth Lumber Corp., Portsmouth, millwork; Alston, Inc., Norfolk, electrical work; E. B. Sams Plumbing & Heating Co., Norfolk, plumbing and heating; Lewis & Sale, Inc., Norfolk; Door Engineering, Norfolk.

PLANS FOR A THREE UNIT CAMPUS-STYLE building for the Park View Christian (Disciples) Church have been completed. Building of the first unit is expected to begin when the weather permits.

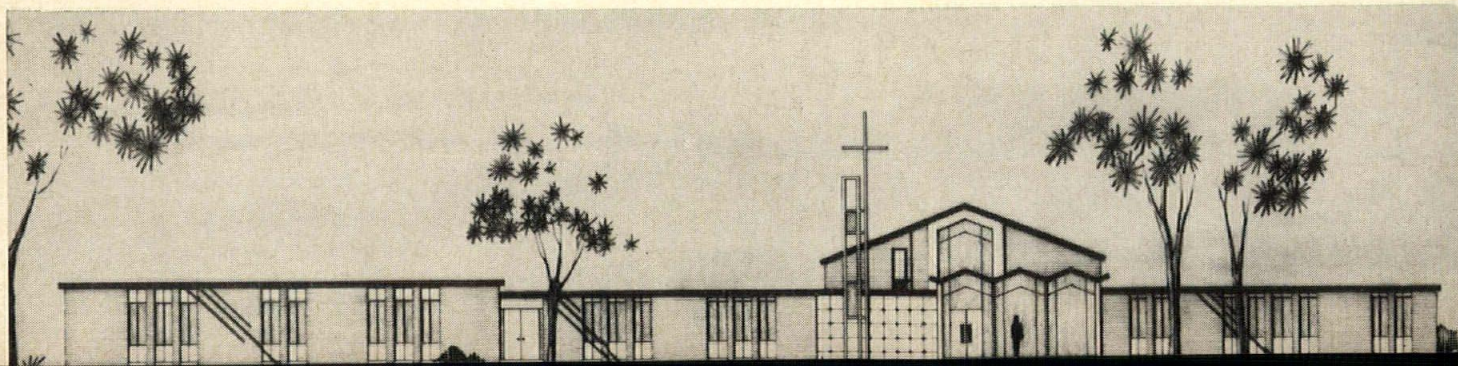
The church will relocate on four acres of land on the Churchland bypass on Route 17 and Pughsville Road.

The building will be a modern brick-face block structure with Holiday-Hill stone trim. There will be nine classrooms, a study for the minister, kitchen and a combined fellowship hall and temporary sanctuary with laminated arched beams. The permanent sanctuary and additional classrooms will be built later.

The original cornerstone of the church from a structure built on Hatton Street in 1912 will be used.

The committee on building plans and building has the following members: F. G. Bacon, chairman; C. L. Holliday, J. M. Cardwell, W. O. Williams, Mrs. John Chestnut, Mrs. E. K. Coffey, Russell A. Dennis, Mrs. Jack Gordon and Alfred Gray.

The local congregation currently has a membership of 250. P. L. Young is chairman of the Board and the Rev. Roy E. Ammerman is the minister. At present the congregation is holding services in the Seventh Day Adventist Church on Winchester Drive in Grove Park.





VIEW OF MODEL OF BUILDING ON SITE

RICHMOND APARTMENT OVERLOOKING JAMES

MARCELLUS WRIGHT & SON
Architects

WILEY & WILSON
Mechanical & Electrical Consultants

THOMAS A. HANSON & ASSOCIATES
Structural Consultants

WISE CONTRACTING CO., INC.
General Contractor

RIVER TOWERS designed by Marcellus Wright & Son will be the first hi-rise residential project in Richmond history to take advantage of several of the city's prime but little capitalized assets, the James River and the splendid view of the central city skyline. It is situated on a bend high above the water on Riverside Drive, west of the Lee Bridge. Tenants in all apartments will have magnificent views of the river and the skyline of the city, yet the site is only five minutes by car via the Lee Bridge from the central city or the West End.

The first 15 story building of the project, now under construction, will have 220 apartments ranging from efficiencies to luxury penthouse two bedroom units. Rentals are to be in the middle or moderate range.

A large pool with sun-deck and snack bar will occupy the northwest corner of the site at ground level.

Ample parking will be provided for each tenant on the site.

Year around air-conditioning with individual controls for each apartment will be furnished. The heating and cooling will be accomplished by hot and cold water delivered to the individual fan-coil units located in each space.

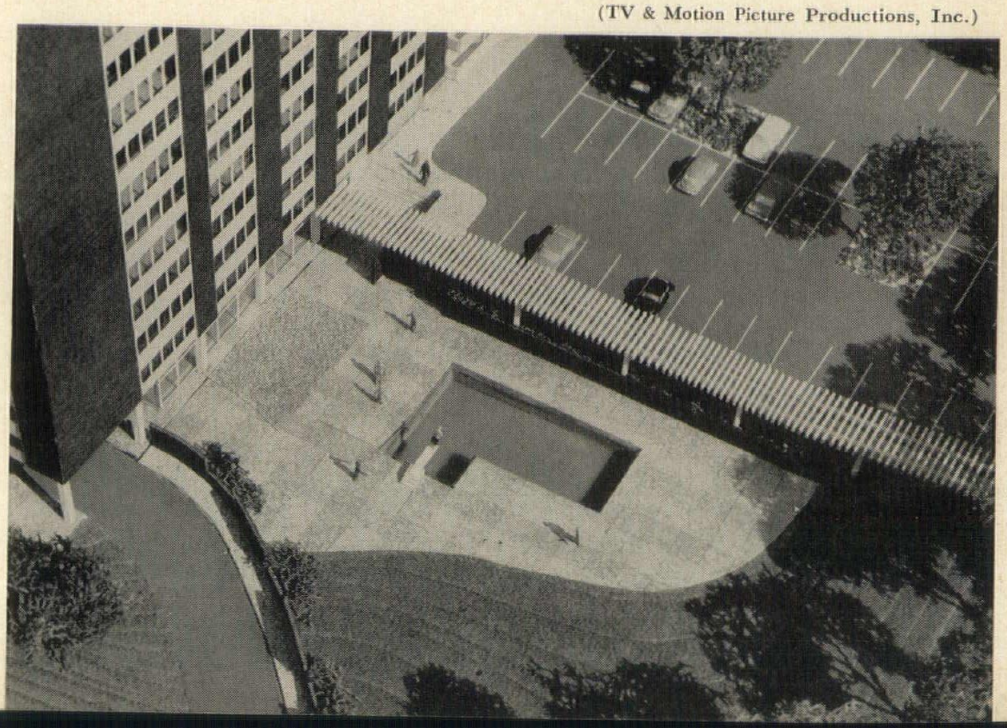
All bathrooms are to be of ceramic tile. The efficiency units will have dressing rooms adjacent to the baths.

All kitchen equipment will be furnished within the rental price of each apartment.

The two bedroom and most of the

(*Continued on page 52*)

(TV & Motion Picture Productions, Inc.)





Cardwell Machine Company's Plant and Office

in Chesterfield County Near Richmond

■ This project is located in Chesterfield County on an 18 acre site between Castlewood Road (Old Court House Road) and a railroad spur from the Atlantic Coast Line.

The Office Building provides approximately 8,200 square feet of space containing a reception area, the president's suite and board room, sales, engineering, purchasing, and accounting department, a records vault, a small lunch room, and lounge and toilet facilities.

The exterior of the building has an exposed steel frame, glazed brick panels, alternating with aluminum windows with Thermopane glass and aluminum spandrels.

The interior finishes are generally painted Solite block with asphalt tile or carpet on the floors, and acoustical ceilings in 2′ x 4′ panels on exposed aluminum tees. The 2′ x 4′ fluorescent lighting fixtures also supply conditioned air to the various spaces. Toilets have ceramic tile floors and wainscots with plastered walls and ceilings.

Future expansion of the office has been planned for both ends and the rear.

The penthouse contains the heating and air conditioning equipment consisting of a gas fuel packaged hot water boiler, a shell and tube type water chiller with electric motor driven compressors, and a blow-through type air handling unit.

An adjacent parking area provides space for 32 cars. An enclosed passage connects the office to the plant building.

The plant building provides approximately 63,000 square feet of open space divided into four 48′ bays. The two exterior bays have a clear height of 21′-0″ and the two interior bays have a clear height of 29′-0″ with clerestory windows. Each bay is served by a traveling overhead crane of 5 ton capacity and provision has been made for the addition of another 5 ton crane in each of the two interior bays.

An enclosed railroad siding for three railroads cars and enclosed truck dock for four tractor trailer trucks is provided. A large paint spray booth is part of the built-in equipment. Areas for stock and tools are partitioned off with metal wire partitions.

A mezzanine office space of approximately 1,000 square feet is provided at the office end of the plant. In a one story projection of approximately 2,800 square feet at the rear of the plant are lockers, toilets, and a lunch area for plant personnel.

Like the office building, the plant has an exposed steel frame with the front wall of glazed brick and the other three walls of insulated aluminum siding. Strips of continuous aluminum windows are mechanically operated.

The roofs of both office and plant buildings are constructed of bar joists with insulated metal roof decks, bituminous built-up roofing and white marble chips. The plant is lighted with mercury luminaires and is heated with gas fired radiant heaters. Only the mezzanine and the lunch room are air conditioned.

Future expansion of the plant building has been planned for the rear and office end. A parking lot at the rear of the plant provides space for 96 cars. Both office and plant building are completely sprinklered. This building is scheduled for completion in August of this year.

SUBCONTRACTORS & SUPPLIERS

G. C. Budd Corporation, excavating; Southern Materials, Inc., concrete; Southern Brick Contractors, Inc., masonry; Bowker & Roden, Inc., reinforcing steel; Montague-Betts, Co., Inc., Lynchburg, steel roof deck; Rayson Company, Charlotte, N. C., roofing; Republic Steel Corp., windows; Pittsburgh Plate Glass Co., aluminum entries and window panels; Pittsburgh Plate Glass Co., glazing; Lane Bros, Inc., painting.

E. S. Chappell Co., Inc., weatherstripping; McL. T. O'Ferrall & Co., acoustical, resilient flooring, parquet flooring; John G. Duggan, plaster; Leo H. Bourne, ceramic tile; Ruffin & Payne, Inc., millwork; The Staley Co., Inc., steel doors and bucks; Chewning & Wilmer, Inc., electrical; Thomas P. Harris, Jr., Wheeler Reflector Co. fixtures; J. W. Bastian Co., plumbing, air conditioning, heating and ventilating; Cooper & Minich, Inc., cranes; Industrial Supply Corp., paint spray booth.

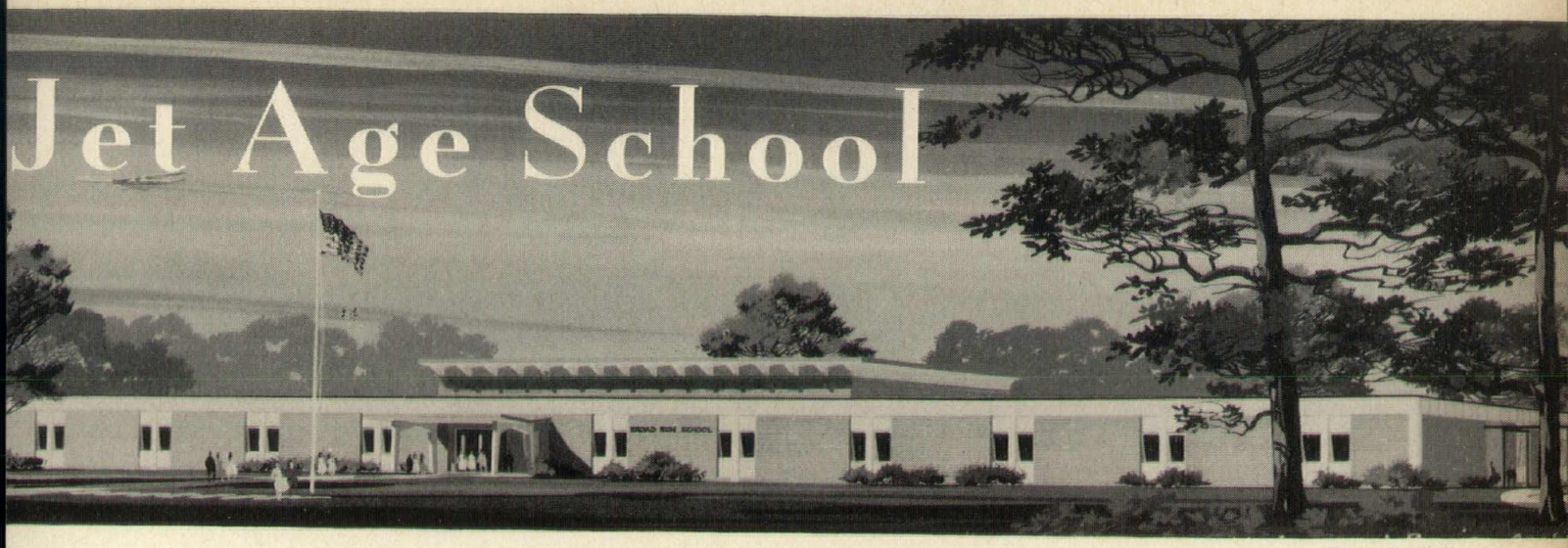
All are Richmond firms unless otherwise noted.

BASKERVILL & SON: ARCHITECTS

ROBERT S. SPRATLEY & ASSOCIATES: CONSULTING ENGINEERS, MECHANICAL

WISE CONTRACTING CO., INC.: GENERAL CONTRACTOR

Jet Age School



(Davis Studio)

BROAD RUN ELEMENTARY SCHOOL – STERLING AREA, LOUDOUN COUNTY

MacILROY & PARRIS: Architects

ROACHE, MERCER & FAISON: Mechanical & Electrical Consultants

LEO F. MULQUEEN: Acoustical Consultant

THOMAS A. HANSON & ASSOCIATES: Structural Consultants

MOTTLEY CONSTRUCTION CO., INC.: General Contractor

THE "JET-AGE" with its newly designed airports is now requiring specially designed schools. The Broad Run Elementary School in Loudoun County is being constructed about three miles from the new Dulles International Airport at Chantilly and approximately 1½ miles from the path of flight of the jet airplanes in take-off.

This new 600-pupil school, designed by MacIlroy and Parris, Architects will have sound isolating construction to counteract the noise problems encountered in areas of jet airports.

In order to screen out the intense exterior noises, the school will be sealed and air conditioned. The number of windows usually provided for each classroom has been reduced to two windows, each about 3 feet wide by 4′ 6″ high. Each window unit will consist of an outer window placed on a slope and a separate inner window, with acoustic material around the periphery between the windows. The outer window will be sealed shut and the inner window will be operable to permit washing the glass. Air conditioning will be included since the windows have to remain closed due to the noise problem.

The roof and exterior walls also are being specially designed to reduce the sound coming into the building. The roof will consist of four inches of concrete with insulation on top. Inside will be a suspended plaster ceiling held by special resilient clips to minimize the transmission of sound waves. The exterior walls will be nine inches of brick, plus an interior plaster wall separated from the brick and held by similar resilient clips on vertical metal supports.

The entire structure is being designed for an effective 55 decibel sound transmission loss. The noise in the area of the school when planes are taking off in flight is expected to reach 80 to 100 decibels which is equivalent in noise to the sound of a city subway or automobile horn. The sound transmission reduction will bring the noise level within the school to the sound level encountered in a normal residence.

The school will contain 20 classrooms, a library, administration and health suites, a multi-purpose room with stage to serve as a cafeteria and auditorium, a kitchen and the usual toilets, teachers' room, storage mechanical and accessory spaces. The building will be rectangular shaped in order to obtain a compact unit for sound isolation.

SUBCONTRACTORS & SUPPLIERS

Harris Heating and Plumbing Co., Inc., Richmond, plumbing, heating and air conditioning; Electric Service Co., Arlington, electrical; Alexandria Prestressed, Inc., Alexandria, precast-prestressed concrete; William Bayley Co., Springfield, Ohio, aluminum windows; Valley Metal Products Corp., Roanoke, metal doors and frames; Benjamin Davis and Sons, Bailey's Crossroads, roofing and sheet metal; Liphart Steel Co., Inc., Richmond, structural and miscellaneous steel; Peter Bratti Associates, Inc., Arlington, tile, marble and terrazzo; Nelson Hardware Co., Roanoke, finish hardware; Southern Floors and Acoustics, Inc., Arlington, acoustical ceilings and resilient floor coverings; The Dages Co., Richmond, porcelain enamel panels; Economy Cast Stone Co., Richmond, cast stone; E. G. Branham Hauling Construction Co., Fairfax, excavating and grading; Derflinger and Powell Construction Co., Front Royal, masonry; Nash, Cadmus and Voelker, incinerator; Bowker and Roden, Inc., Richmond, reinforcing steel; Shenandoah Brick and Tile Corp., Winchester, face brick; Natural Slate Blackboard Co., Washington, D. C., chalkboards and tackboards.

SINCE 1906

J. Roland Dashiell & Sons

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SALISBURY • MARYLAND



THE CAPTAIN'S GRILL: John Marshall Hotel Richmond

MARCELLUS WRIGHT & SON: Architects

WILEY & WILSON: Engineering Consultants, Mechanical & Electrical
HENRY W. ROBERTS: Engineering Consultant, Structural

CONTRACT FURNISHINGS, INC., ALVIN SCHECHTER: Interior Decorator
BASIC CONSTRUCTION CO., INC.: General Contractor

● The Captain's Grill is the first element to be completed in a five part major rehabilitation program undertaken by Richmond Hotels, Inc. for its Hotel John Marshall. The program under the direction of Marcellus Wright & Son, Architects will include a new motor entrance, lobby, exposition center and function floor for convention activities. Interior designers and consultants are Contract Furnishings, Inc. under the direction of Alvin Schechter. The hotel, originally designed by the late Marcellus E. Wright in the late twenties and later enlarged in the fifties by the firm, will upon completion of the current activities be the most modern and up-to-date facility of its kind in the area

The program is a major step by Richmond Hotels, Inc. under John S. Lanahan, president, to provide the city with facilities having both atmosphere and charm reminiscent of earlier times.

The Captain's Grill with a seating capacity of 125 persons is located on Fifth Street at ground level, convenient to the new lobby and convention center.

The general décor and atmosphere recalls the dining saloon of an elegant passenger liner of the late 19th Century.

Leather and wood are used extensively in the furnishing. The walls are paneled in Arkansas white pine and Buckingham-Virginia Slate. Heavy carpeting is used except in the entry area where brick and slate are introduced. Louvered shutters filter the light from the street creating a subdued atmosphere. The restaurant is, as the rest of the hotel, completely air-conditioned.

SUBCONTRACTORS AND SUPPLIERS

Basic Construction Co., Inc., Newport News, general contractor, concrete, carpentry; William E. Tucker, masonry contractor; Liphart Steel Co., Inc., steel, handrails; Miller Mfg. Co., Inc., windows, paneling, millwork; Pittsburgh Plate Glass Co., glazing; N. Chasen & Son, Inc., painting, plastic wall finish.

Oliva & Lazzuri, Inc., ceramic tile; Robert M. Dunville & Bros., Inc., insulation; Pleasants Hardware, hardware; Roanoke Engineering Sales Co., Roanoke, steel doors and bucks; Northside Electric Co., lighting fixtures, electrical work; William H. White, Jr., Inc., plumbing, air conditioning, heating, ventilating; Modern Wood Work, Inc., fixtures.

All are Richmond firms unless otherwise noted.

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Ceramic Tile & Terrazzo Contractor for the Chesapeake City Jail, Page 26

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BASIC-WITZ OFFICE BUILDING – WAYNESBORO

FLEMING R. & C. D. HURT, JR.: Architects

SOWERS, RODES & WHITESCARVER: Mechanical & Electrical Consultants

MARVIN E. HUMPHRIES, CONTRACTOR: General Contractor

PLANNED TO HOUSE the general administration, sales, purchasing and standards divisions, as well as the advertising and mailing departments, the one-story, 11,350 square foot building will be of fireproof, steel frame and masonry cavity wall construction. Exterior walls are of white rock-face brick with lightweight concrete masonry unit backup.

The entire building will be air conditioned, using steam from the plant boiler for heating and for cooling, by a steam absorption system. Acoustical ceilings and acoustical plaster on upper walls of all spaces will reduce noise levels.

Building traffic to all departments will be controlled by the receptionist in the lobby. The stenographic pool is located in the main wing, and will be without natural light but will have a luminous ceiling. Three interview rooms open from the lobby for small group meetings and interview conferences, and 12 executive offices are located on the perimeter, around the stenographic pool. All window sills are

(*Continued on page 54*)

SUBCONTRACTORS AND SUPPLIERS

Raleigh Ham, Staunton, masonry; Currier Steel, Inc., Lynchburg, steel; Southern Lightweight Roof Deck Co., Roanoke, steel roof deck and insulating concrete deck; Suburban Roofing & Heating, Waynesboro, roofing; Ware Aluminum Windows, Inc., Miami, windows; Staunton Glass & Mirror Co., Staunton, glazing; Roger H. Fisher, Greenville, painting.

W. F. Hoy, Staunton, plaster; Cliva & Lazzuri, Inc., Charlottesville, ceramic tile, terrazzo; W. Morton Northen & Co., Inc., Richmond, resilient tile; Charlottesville Lumber Co., Charlottesville, millwork; Birckhead Electric Co., Charlottesville, electrical work (Guth fixtures); Dickinson & Cole, Buena Vista, plumbing (Case and American-Standard fixtures), heating and ventilating, Schlage finish hardware.

Interior design was by the architects.

CHESAPEAKE CITY JAIL

ECHOLS-SPARGER & ASSOCIATES
Architects

MOTTLEY CONSTRUCTION CO., INC.: General Contractor

• The old Norfolk County Jail located in Portsmouth has served Norfolk County since 1900 and a few months ago county officials moved to Great Bridge the location of their jail, which is a part of their new Civic Center. Just after this move had taken place, Norfolk County became our newest city, Chesapeake. Although this facility was designed as a county jail, little difficulty was involved in converting to a City Jail.

The building is a one-story structure, housing the City Sergeant, Police Department, matron's quarters, and 109 inmates, with temporary holding cells, 16 cell blocks and 18 isolation cells, including a clinic and infirmary. All cells are single with individual toilets and each cell block has a dayroom with bathing, toilet and dining facilities. Tables and benches are of stainless steel; remote electric and selective locking mechanisms control the security. There is a master control corridor with adjacent inspection and utility corridors. All cells and main control corridors have natural light and mechanical ventilation. The entire inmate area is of reinforced concrete construction with maximum security areas enclosed by tool resistant steel grating. The design allows free adjacent areas for flexible future expansion of each individual cell block and additional cell block units. An emergency power unit serving the jail, Juvenile Detention Home and the water system was also included.

(*Continued on page 56*)

(Photo by McDearmid)





RIVERSIDE OFFICE
PEOPLES NATIONAL BANK OF CENTRAL VIRGINIA

FLEMING R. & C. D. HURT, JR.,
Architects

HANSON & CRAIG
Structural Consultants

SOWERS, RODES & WHITESCARVER
Air Conditioning & Electrical Consultants

J. S. MATHERS, INC.
General Contractor

THE ELEVATED MAIN FLOOR of this local office is supported by a welded steel frame between the boiler room, etc., at the south end, over a 24′ driveway to the "island" which contains two drive-up tellers windows; a third is located in the boiler room area, opposite the island. The cantilevered main floor protects the drive-up traffic below, by 7′ projections in both directions. A fill at the south (right) end, to Main Street provides 26 off-street parking spaces on a slope of approximately 6%, for walk-in customers. The banking floor is reached also by a comfortable outside stair for pedestrian traffic.

SUBCONTRACTORS AND SUPPLIERS

Roy Harner, Waynesboro, excavating; Sidney Shirley, Waynesboro, masonry; Roanoke Iron & Bridge Works, Roanoke, steel; Frank Kerby & Sons, Waynesboro, roofing; Pittsburgh Plate Glass Co., Roanoke, window walls; Homer L. Yount, Staunton, plaster; Oliva & Lazzuri, Inc., Charlottesville, ceramic tile.

Builders' Center, Inc., Waynesboro, resilient tile; Barnes Lumber Corp., Charlottesville, millwork; Chas. Lafferty & Sons, Waynesboro, electrical work; Carl Riddlebarger, Inc., Waynesboro, plumbing (Kohler fixtures), air conditioning, heating and ventilating; Mosler Safe Co., Hamilton, Ohio, vault door, drive-up windows, night depository and safety deposit boxes.

The banking floor contains an elliptical public space with four tellers spaces, vault clerk, manager's office, consultation room, work room and maximum security vault. East and west facades are of aluminum floor to ceiling window-wall-&-panel construction; north and south ends are brick and block cavity walls, with limestone grade and eaves courses on all facades.

All sash are fixed and the building is completely air conditioned, with individual space controls. Ceilings are of acoustical tile or plaster and all floors are vinyl tile. Completion is expected in September of 1963.

JOHN H. DAVIS COMPANY

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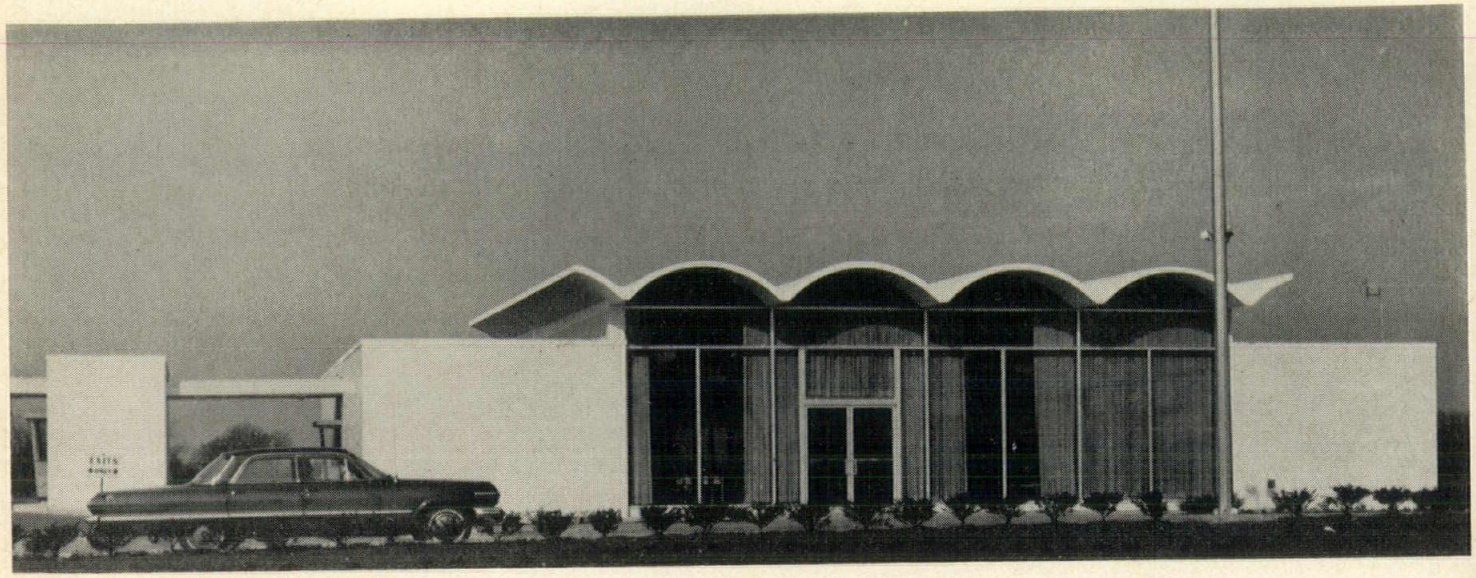
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H. D. NOTTINGHAM & ASSOCIATES
Engineers-Architects

EUGENE SIMPSON & BRO., INC.
General Contractors



● With the opening of its Groveton Branch, a modern drive-in banking facility, The Mount Vernon National Bank and Trust Company brings convenience and service to the fast growing suburban area just south of Alexandria proper. Such service is a welcomed addition to the Beacon Hill Shopping Center complex being developed on the site of the former Beacon Hill Airport.

The banking facility proper is a rectangular structure, 50′ x 70′ and having with its two-teller drive-in booth a floor area of 3700 sq. ft. of modern design featuring a gray brick and glass exterior and a poured in place lightweight structural concrete barrel arch type roof. The facility is heated and cooled by a combination gas fired duct heater and direct expansion type cooling system. Heated and cooled air is distributed through underfloor cement asbestos ducts to stripline outlets under the large windows. Dropping the floor level of the equipment area made possible the stacking of all mechanical equipment except the cooling tower into one room thus reducing the space required for equipment to a minimum. The cooling tower is located in an extension of the drive-in tellers booth offering concealment as well as ready access for servicing.

H. D. Nottingham & Associates with its complete resident professional staff worked closely with Eugene Simpson and Bro., Inc.—the general contractor—in ironing out the usual details and questions to the end that this $120,600 facility was opened for business on January 25, 1962, 186 days after award of contract.

SUBCONTRACTORS AND SUPPLIERS

Potomac Cast Stone, Inc., Alexandria, precast concrete; Southern Iron Works, Inc., Alexandria, steel and miscellaneous metal; Perrin and Martin, Arlington, roofing and sheet metal; David Compe & Son, Arlington, wall board and stucco; Walsh & Koehler Glass Co., Mt. Rainier, Md., special glass; Federal Plate Glass Co., Inc., Washington, D. C., glazing.

E. W. Walker, Inc., Springfield, painting; John H. Hampshire, Bladensburg, Md., insulation—sprayed; Bilton Insulating & Supply, Inc., Arlington, insulation—batt; Marty's Floor Covering Co., Inc., Alexandria, resilient tile, flooring; Columbia Mosaic & Tile Co., Inc., Bladensburg, terrazzo, ceramic flooring; Miller Mfg. Co., Inc., Richmond, millwork.

Trovato Electric Co., Inc., Arlington, lighting fixtures, electrical work; Dwyer, Inc., Alexandria, plumbing fixtures, plumbing; Stern & Arey Enterprises, Washington, air conditioning, heating and ventilating; W. M. Schoenfelder & Associates, Washington, toilet partitions.

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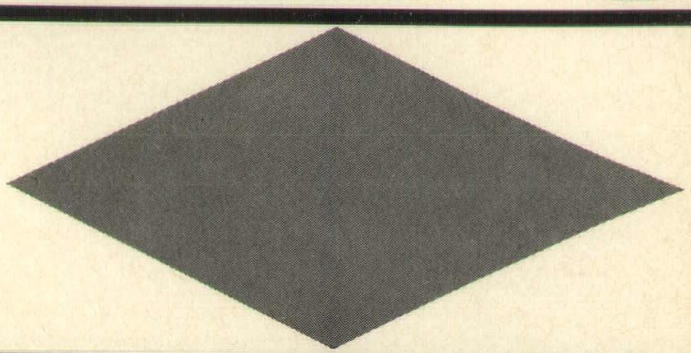
CERAMIC TILE

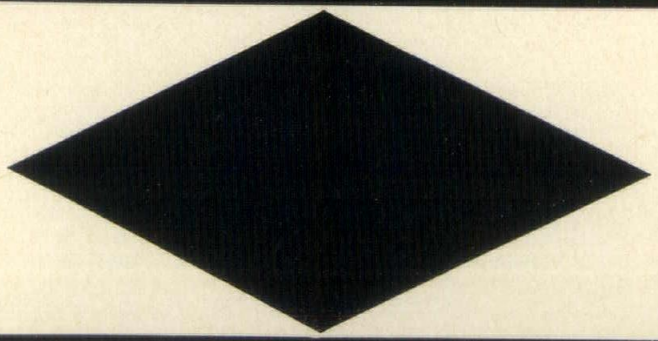
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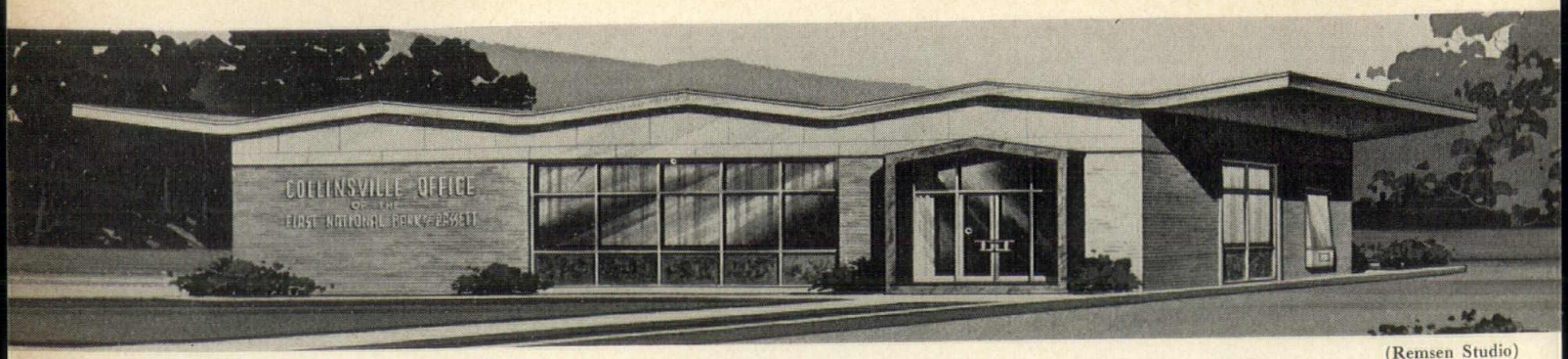
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J. COATES CARTER, AIA
Architect

SOWERS, RODES & WHITESCARVER
Mechanical Consultants

RAYFORD B. SMITH
Structural Consultant

AMERICAN FURNITURE & FIXTURE CO., INC.
Interior Designer

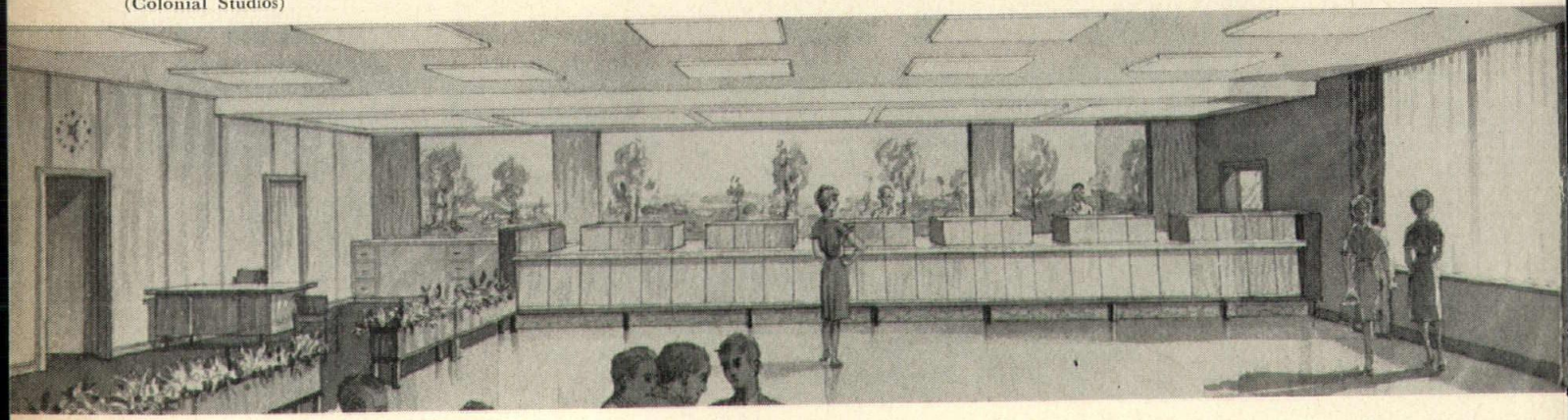
MARTINSVILLE CONSTRUCTION CORP.
General Contractor

● The Collinsville Office is the first branch of the First National Bank of Bassett. The parent bank was established in 1907, and has served the western part of Henry County, the Town of Bassett, and the massive Bassett Furniture Industries for the past fifty-six years. The bank has been enlarged on three occasions.

The Collinsville Office will be located in a rapidly growing residential and shopping area near the center of the county, midway between the Bassett area and the City of Martinsville.

The building of modern design and equipment, will accommodate six tellers, drive-in window, interior and exterior night depository. Ice-proof walks, driveways, and adequate parking is provided in a landscaped setting at the base of the Blue Ridge foothills, on the four-lane Route 220 and 57.

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Daytime and nighttime activity will abound this season in America's Historyland Playground—Virginia Beach.

Some of the biggest names in show business will appear with diversified entertainment in this resort city's night clubs and civic center.

Scheduled for the Cavalier Beach and Cabana Club are such noted dance orchestras as Lester Lanin, Claude Thornhill, Jack Teagarden and the Three Suns. Popular comedians Harry Taylor and Frankie Dash will be back in the Hunt Room and the John Derieux Trio will be featured in the Captain's Table.

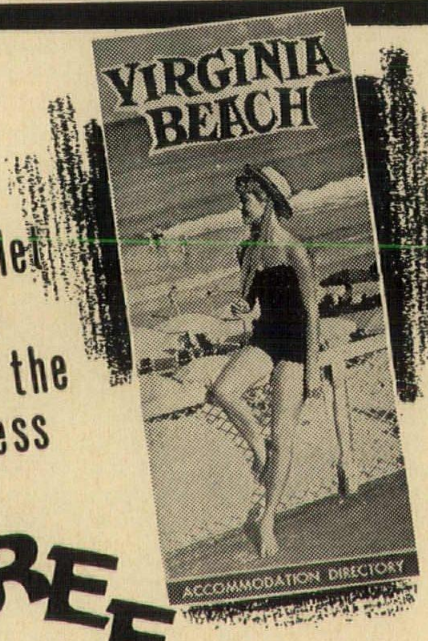
A series of concerts have been scheduled for the Alan B. Shepard Civic Center highlighting such jazz notables as Gerry Mulligan, Dave Brubeck, Dizzy Gilespie, Peter Nero and the Dukes of Dixieland.

Such popular vocal groups as Peter, Paul and Mary, the Brothers Four and Theodore Bikel will perform in concert for folk music fans.

One of the big highlights on the events schedule is the Virginia Beach Music Festival June 15-17 featuring 16 bands from seven states. More than 1,400 band members from southeastern states will compete in the three day show.

Another top event is the ninth Boardwalk Art Show July 11-15. This annual festival has grown into the largest open art show on the East Coast (in total sales) and a close second in the nation to San Francisco.

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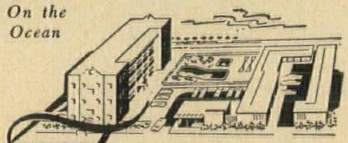
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VIRGINIA BEACH, VIRGINIA

Virginia Beach 1963
Entertainment Calendar

May 17 Norwegian Lady Festival
May 17-18 Merry Widow Presentation
May 18 Armed Forces Day Parade
May 24 John Derieux Trio
May 30 Ray Herrera Orchestra
May 30 Frankie Dash, Comedian
June 1-2 Aqua Catamaran Sailing Regatta
June 15 Brothers Four
June 15-17 Virginia Beach Music Festival
June 22 Highwaymen
June 28 Pat Henry, Comedian
June 28-30 Kempsville Horse Show
June 29 Ray Charles and Orchestra
July 4 Let Freedom Ring
July 4 John Derieux Trio
July 4 Claude Thornhill Orchestra
July 6 Journeymen
July 11-15 Boardwalk Art Show
July 13 Peter, Paul and Mary
July 17-24 The Lotus Festival
July 19 Lester Lanin Orchestra
July 20 Dizzy Gilespie, Dukes of Dixieland
July 20 Jazz Night at Virginia Beach
July 26 Cy Delmer and Meyer Davis Orchestra
July 26 Harry Taylor, Comedian
July 27 Peter Nero, Pianist
August 2 Don Glasser Orchestra
August 3 Theodore Bikel, Folk Singer
August 10 Gerry Mulligan, Bobby Hackett
August 10 Jazz Night at the Seashore
August 16 Jack Teagarden Orchestra
August 17 Dave Brubeck Quartet
August 23 Freddie Lee Orchestra
August 26-31 Children's Week
August 30 The Three Suns
September 2 Jack Lind Orchestra
September 2 Labor Day Rodeo
September 6-8 Virginia Beach Folk Music Festival

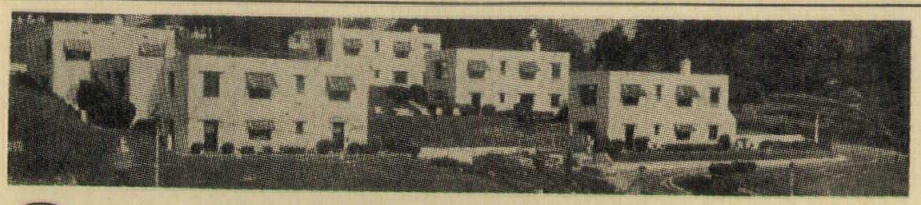
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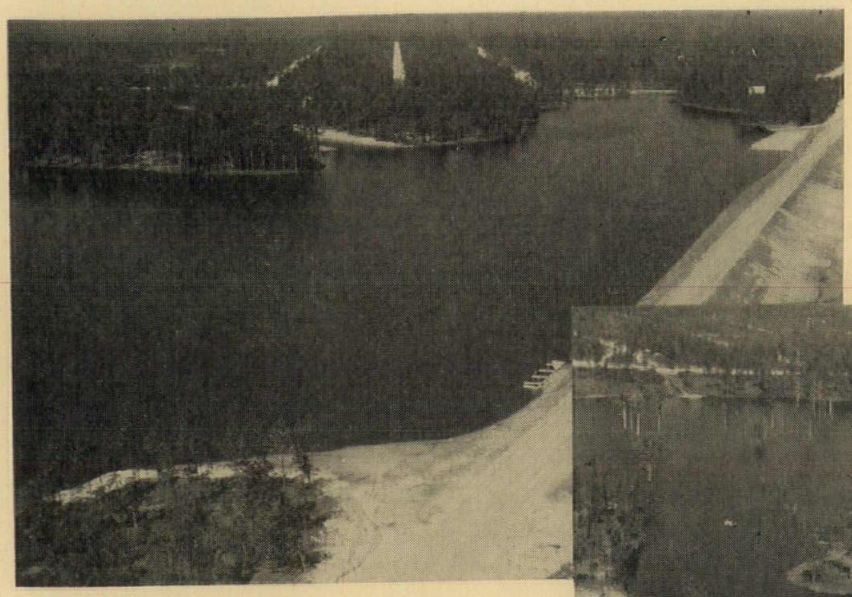
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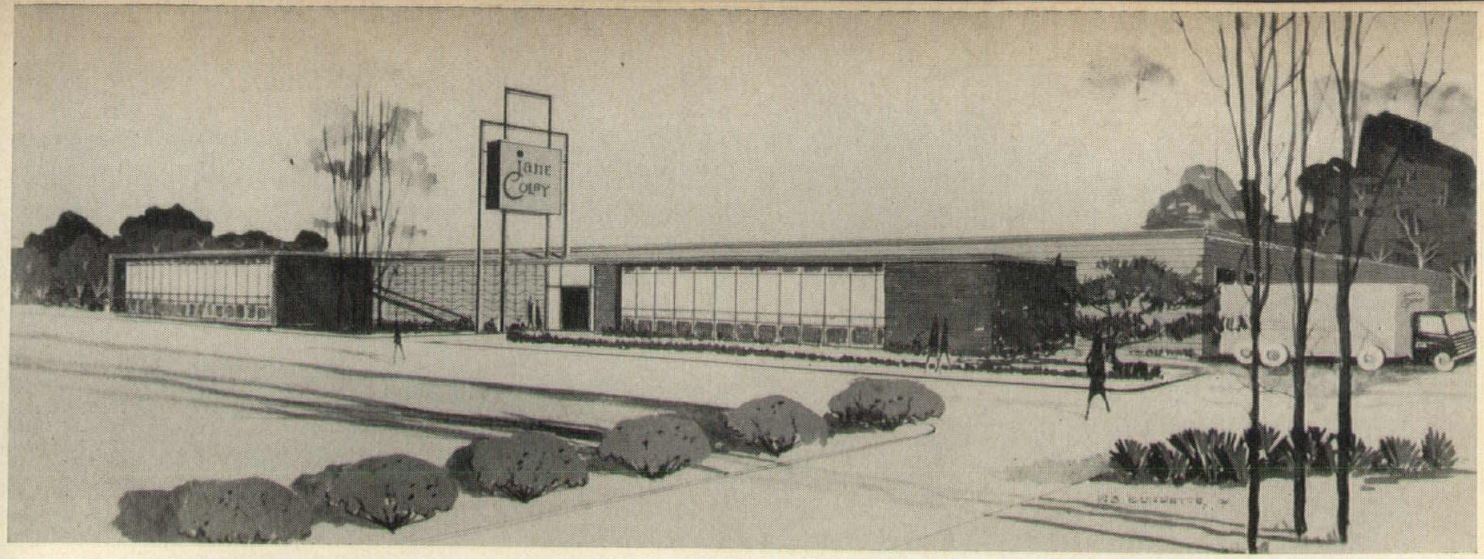
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KINSEY & MOTLEY
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SOWERS, RODES & WHITESCARVER
Engineering Consultants

THE NEW PLANT for the Clifton Manufacturing Corporation, a subsidiary of Dormont Knitwear Corporation, manufacturers of "Jane Colby" Women's Sportswear, New York City, was completed in June of 1962.

Designed by Kinsey & Motley, Architects, Salem, the plant—containing 46,000 sq. ft. of manufacturing area and 5,000 sq. ft. of office space—is located in Cliftondale Park, Clifton Forge. The cost of the building, not including machinery, was $300,000.00.

The plant area is framed with steel beams and columns at 40′ 0″ and 38′ 0″ o.c. with long span steel joist, metal roof deck and built-up roof. The office area is framed with standard steel joist ± 4′ 0″ o.c. bearing on a combination of steel tubes and masonry walls. Concrete block and brick combined is used for the exterior walls. Interior partitions are exposed concrete block, painted. The plant area floor is exposed concrete with a hardener applied. The office section and lunch room floors are of vinyl asbestos tile.

The plant is designed to employ approximately 500. A large lunch room, with vending machines, is designed to seat 250. The office area contains a conference room, plant manager's office, business office, personnel office, lobby and toilet facilities.

The entire office section, lunch room and manufacturing area, with the exception of storage rooms, are air conditioned.

Loading platforms and parking are provided all around the building.

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W. G. Mathews, Jr., Inc., Lightweight Block Co., Inc., masonry suppliers; Roanoke Iron & Bridge Works, Inc., steel; Inland Steel Products Co., Milwaukee, steel roof deck; Valley Roofing Corp., roofing; A. L. Horwitz, windows; Pittsburgh Plate Glass Co., glazing; Hauley Company, New York, N. Y., structural tile; Hampshire Corp., resilient tile, acoustical.

Also, Valley Roofing Co., waterproofing; Graves-Humphreys, Inc., hardware; South Roanoke Lumber Co., millwork; Valley Metal Products Corp., steel doors and bucks; Progressive Products Corp., plumbing fixtures, plumbing, heating, air conditioning and ventilating; High Point Sprinkler Co., Inc., High Point, N. C., sprinkler system; L. & W. Shrubs, Clifton Forge, shrubs and landscaping.

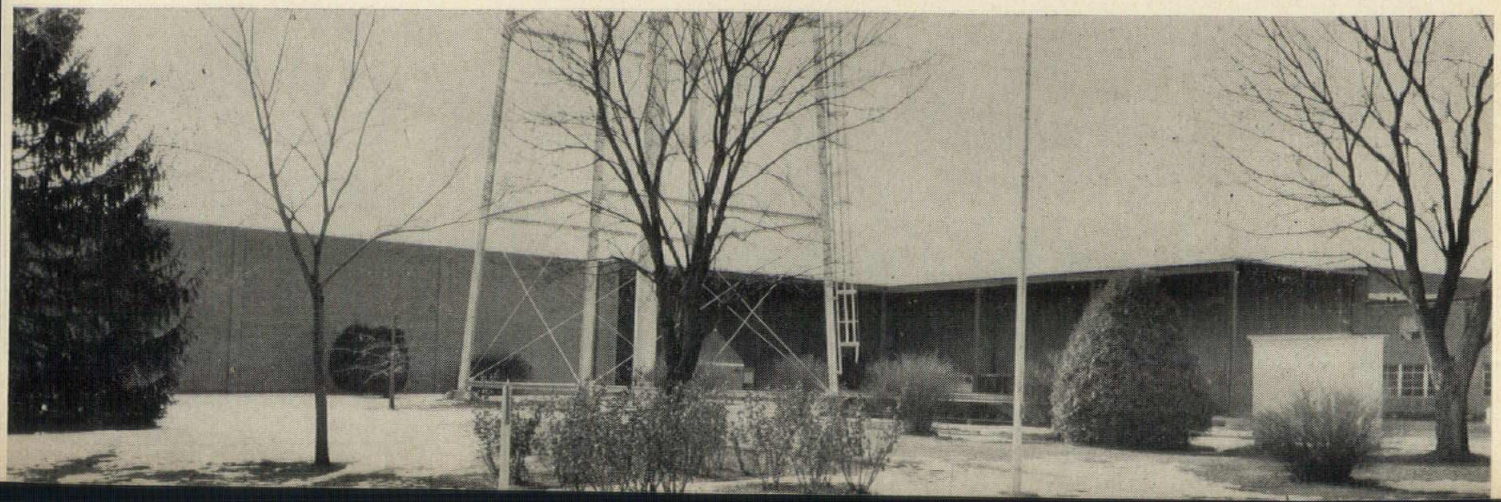
The general contractor did the excavating, piling, foundations, concrete work, carpentry, painting, insulation, and electrical work.

All are Roanoke firms except where otherwise specified.

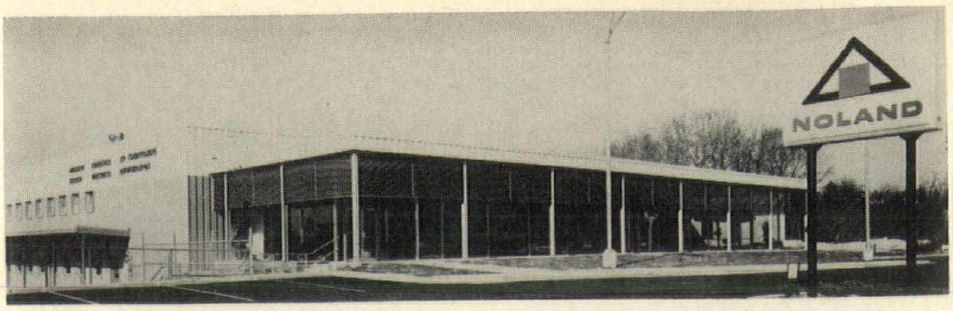
WAREHOUSE ADDITION, BOWMAN APPLE PRODUCTS CO.

COOPER & AUERBACH, A.I.A., Architects, of Winchester and Washington, designed the recently completed warehouse addition for the Bowman Apple Products Company in Mt. Jackson. The building is rectangular in shape and measures 98 by 167 feet. It is one story high and has brick and block exterior walls, a steel deck roof over steel joists and covered with a 20 year bonded roof. There are no windows. The floor is of concrete.

Milton Gurewitz & Associates of Washington were the structural engineers. Nielsen Construction Company, Inc., Harrisonburg, was the general contractor. Subcontractors and material suppliers included David A. Reed, Harrisonburg, excavating; Truscon Div., Republic Steel Corp., Washington, steel, steel roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing and insulation. The general contractor did the work on foundations, concrete, masonry and carpentry.



VIRGINIA BUSINESS REVIEW



The familiar Noland Company symbol, a red square within a blue triangle, provides unmistakable identification for the company's new Washington Metropolitan area headquarters on Wilson Boulevard in Falls Church, Va. The showroom and reception area occupies a glass-enclosed section of 2,500 square feet across the front of the building.

MORE THAN 2,000 businessmen and their wives turned out last month to inspect the new combination showroom-office-warehouse which Noland Company, after three years of planning and a year of construction, has built at Falls Church to serve as headquarters for its operations in the metropolitan Washington area.

Noland Company, a Virginia corporation, is the largest independent wholesale distributor in the United States of mechanical equipment, including supplies in the plumbing, heating, cooling, refrigeration, electrical and industrial fields, as well as machine tools.

The main building of the new construction occupies 93,368 square feet of an 8½ acre tract on Wilson Boulevard. While the warehouse utilizes 70,160 square feet of the total, and the offices have 20,708 square feet of the remainder, it is the 2,500-foot showroom that dominates visual interest.

The main building represents, both in design and construction, the result of several years of research and planning by personnel of Noland's Facilities Division. The prototype design employs metal curtain wall construction, utilizing color panels in striking combinations of blue and white, and features floor to ceiling windowwalls throughout the showroom and reception area. The prototype plans were first executed in the Bowling Green, Kentucky branch and, as the new design is followed in future buildings, the company will gain the added advantage of quick identification of its branch in any given market area.

Architects were John M. Walton & Associates, Arlington and general contractor was Sharpe & Hamaker, Inc., also of Arlington.

* * *

A $77,000 expansion and improvement program for the Franklin telephone exchange has been announced by C. E. Turner, local Home Telephone of Virginia manager. Plans include enlargement of the company's building and expansion of central office equipment.

Installation of equipment to serve 275 additional telephones will improve local service, which has expanded from 1,900 phones to 3,900 in the past ten years.

* * *

Atlas Machine & Iron Works is due to start a new $150,000 office building in Gainesville next month. Last year the firm opened a $500,000 plant there.

According to Werner H. Quasebarth, vice-president and treasurer, when the new building is completed, the company will move its headquarters staff from Arlington.

Addition of the new staff will swell the total number at Gainesville to about 140, 60 of whom will be engineers, office workers and accountants. The rest, local plant employees, will vary with the general level of construction activity, but will normally number about 80 persons.

* * *

A refuse disposal system that utilizes stationary steel receptacles and disposable paper bags is available from Union Bag-Camp Paper Corporation for industrial, institutional, and other commercial applications.

The new system is designed to eliminate maintenance problems and provide conditions of high sanitation and quiet refuse removal.

The receptacle is available in three styles including two cabinet units that enclose the bag and a wall-mounted unit from which the bag hangs suspended. All are constructed of 18-gauge

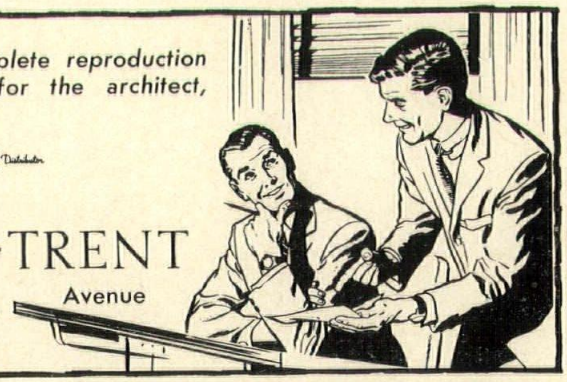
(*Continued on page 38*)

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General Contractor for the New Basic-Witz Office Building, Featured on Page 26

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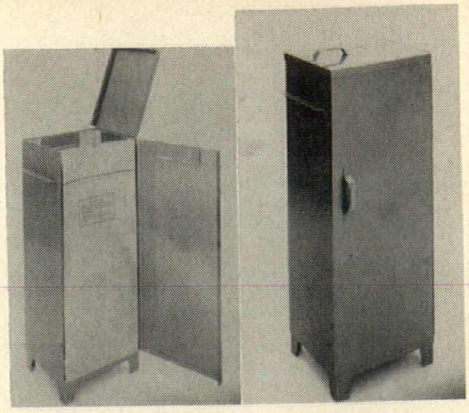


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Plumbing contractor for the Danville Airport Terminal, Page 19

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Roof Deck for Park View Christian Church Featured on Page 20

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Hardware Suppliers for the New Chesapeake City Jail, Page 26

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Painting contractors for Dixie Jute Bagging Co. Office, Page 13



The photo shows Union Bag-Camp Paper Corporation's refuse disposal system with, left, the fully-enclosed cabinet closed and, right, open with the heavy-duty, disposable kraft bag in place.

steel with a standard green finish of baked-on enamel. Other colors are available.

The disposable bags are of slightly more than 30-gallon capacity and consist of two plies of 50-pound basis weight wet-strength and water-repellent kraft paper.

The Union-Camp system fits into any refuse removal routine including incineration and collection by outside services, whether municipal or private.

The receptacles have hinged and flanged lids with foam rubber gaskets that provide dust-proof seals. These gaskets also prevent metal-to-metal contact to provide for silent use in hospitals and similar locations. In certain installations, such as parks and outdoor cafeterias, the gaskets also prevent flies from entering the receptacles when they are used for disposal of food scraps.

The disposable bags reduce maintenance by acting as liners and preventing refuse from coming into contact with receptacle walls.

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Suppliers of Millwork for Basic-Witz Office Building, Page 26.

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Roofing and Waterproofing for Kirn Memorial Library, Page 10

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Electrical Contractor: Del Ray Baptist Church, Page 14.

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• Grace Presbyterian Church • Del Ray Baptist Church, Page 14

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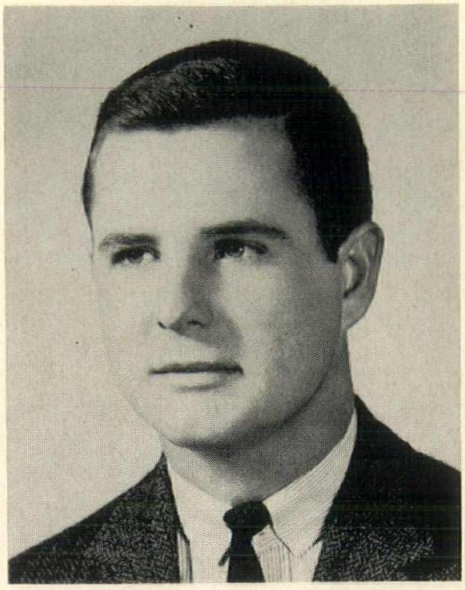
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AIA NEWS:

(*Continued from page 8*)

NEW ASSOCIATE MEMBER



RAYMOND PARKER HOWELL

A native of Suffolk where he was born June 27, 1933, Howell graduated from Suffolk High School in 1951, and later received a Bachelor of Architecture Degree from V.P.I. in 1960. He has been with the Architectural and Construction Section of Reynolds Metals Company in Richmond since this past February.

(*Continued on page 42*)

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Roofing and sheet metal contractor for the new branch of Mount Vernon National Bank, page 28.

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Subcontractors for heating, plumbing, air conditioning and ventilating, Basic-Witz Office Building, Page 26.

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Ceramic tile and terrazzo contractors for Basic-Witz Furniture Industries, Inc., ceramic tile contractors for Riverside Office, Peoples National Bank of Central Virginia, page 26; page 27.

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Electrical Contractors for Branch Bank, Mount Vernon National Bank & Trust Company. See Page 28.

NEW JUNIOR ASSOCIATE MEMBER



ROBERT WILLIAM NASH

A draftsman in the Portsmouth firm of Glenn Yates, Jr., AIA, Nash was born February 28, 1943 in Jacksonville, Florida. He is a graduate of Woodrow Wilson High School in Portsmouth, and attended the Technical Institute of Old Dominion College in Norfolk.

(*Continued on page 44*)

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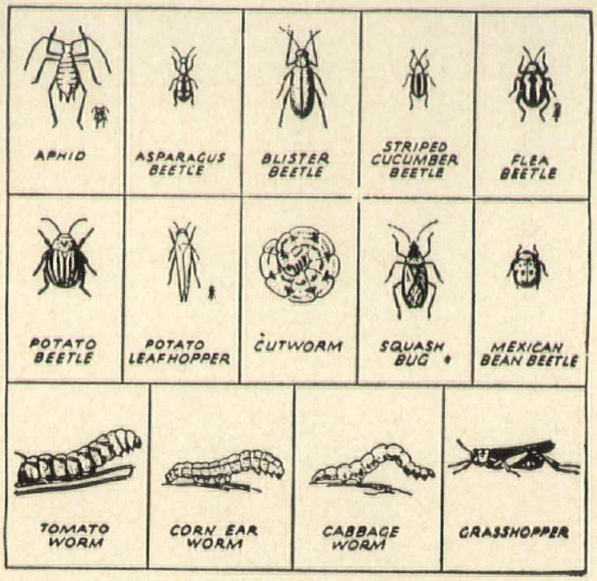
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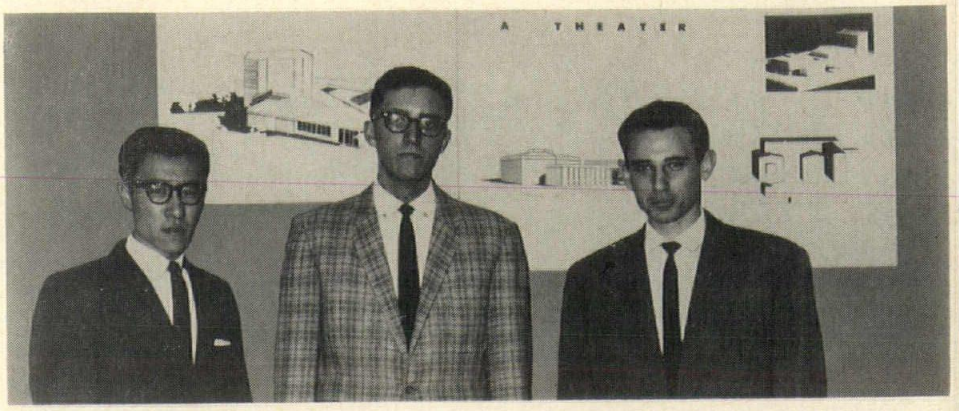
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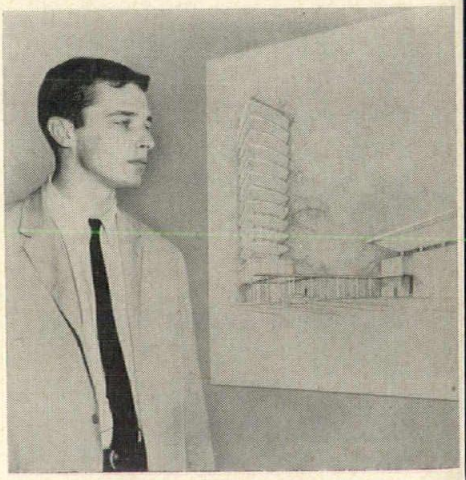
AIA NEWS:

Solite Competion Winners Announced



Above: *Virginia Polytechnic Institute Department of Architecture winners of the annual Solite Design Award competition. First place went to Richard C. Ward, (center) Washington, D. C.; second to Kyun Kim, (left) also of Washington and third prize was awarded to Jakob Joffe, (right) of Richmond.*

Below: *Robert Bradley of Salem, first place winner of the annual Solite Design Award Contest sponsored by the University of Virginia School of Architecture and the Solite Corporation of Richmond.*



• A total of $1,500 in awards have been presented to architectural students at Virginia Polytechnic Institute and the University of Virginia in the annual Solite Design Award Contest, it has been announced by A. Cabell Ford, director of sales for the Solite Corporation of Richmond.

At VPI, the project was the design of a building for a "School of Theater Arts." First award was received by Richard C. Ward, Washington, D. C.; second by Kyun Kim, Washington, D. C. and third by Jakob Joffe, Richmond.

First place at University of Virginia was awarded to Robert Bradley of Salem. Four second place awards were presented to Peter Anderson, Chicago, Ill.; Edward Eichman, Union Bridge, Md.; Robert Simpson, Roanoke, and Robert Gault of Westport, Conn. The University of Virginia project was a hangar and office building for the newly completed Dulles International Airport.

The contest is sponsored annually by the Solite Corporation, producers of Solite lightweight structural aggregate used in the manufacture of lightweight masonry units and structural concrete.

(*Continued on page 46*)

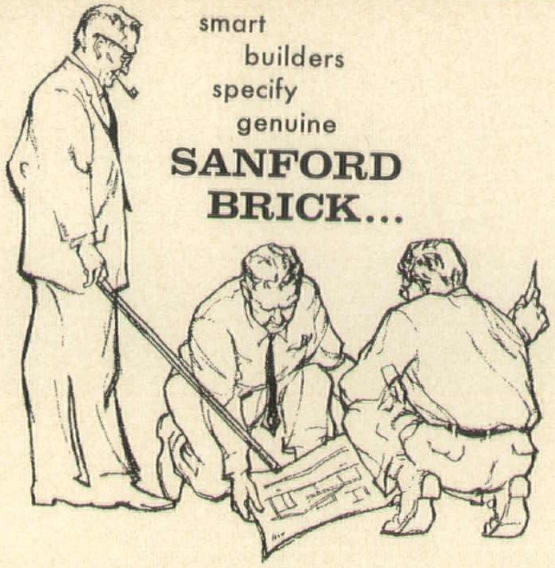
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AIA NEWS:

Buckingham-Virginia Firm Receives Display Award



Left, Beverley R. Tucker, Jr., president of Buckingham-Virginia Slate Corp., Richmond, is shown receiving a merit award for product presentation, with Milton L. Grigg, FAIA, Charlottesville, president of the Church Architectural Guild of America.

• National display honors were awarded to the Buckingham-Virginia Slate Corp. of Richmond at the 24th National Conference on Church Architecture held in Seattle in March. The awards pointed up the growing importance of industries and products related to church design.

The Buckingham-Virginia firm was singled out for excellence and in presentation of its product, receiving a merit award. It specializes in roofing, slate products and landscaping nees. Other winners were California Redwood Association of San Francisco, American Fabricators Company of Bellingham, Wash., and the Southern Desk Company, Hickory, N. C. manufacturer of church furniture.

E. Crosby Willett, Philadelphia, chairman of the Exhibitors Committee, said that the winning firms, in their presentations, were "ingenious, imaginative and artistic, showing clearly the relationship to church architecture, and the growing role these products are playing in the field."

The conference, featuring national architectural and ecclesiastical arts awards as well, is cosponsored by the Church Architectural Guild of America and the National Council of Churches Department of Church Building and Architecture.

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AIA CONVENTION • MIAMI BEACH • MAY 5-9

A dozen Virginia Chapter AIA members plus the Virginia Chapter AIA Executive Secretary were at Miami Beach, Florida during the first week of May acting as delegates to the American Institute of Architects national convention. Among the actions passed at the convention was one leading the way to the construction of a new National AIA headquarters building behind the historic Octagon in Washington. Among Virginia delegates not shown in the following photos were Ben Britt and John Waller of Portsmouth. The latter won the 1963 Grand Door Prize, a Falcon convertible. Other Virginians on hand included Bev Tucker of Buckingham Slate and Tom Parrish of Hankins and Johann.



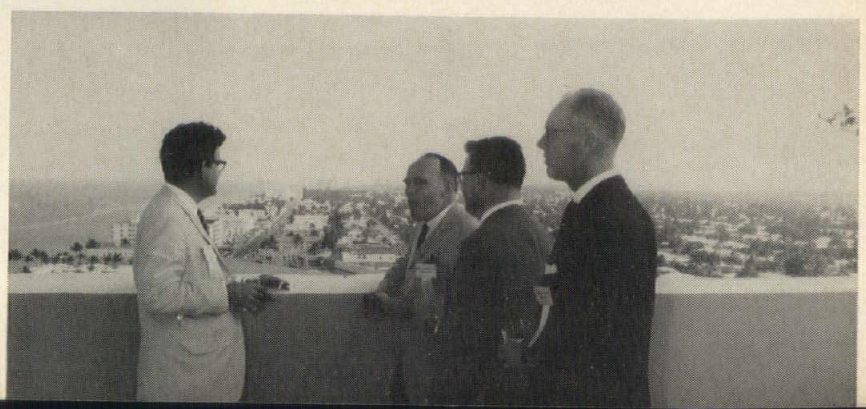
TOP ROW, LEFT: *Herbert L. Smith, III, of Norfolk, makes a seconding speech to the nomination of the new AIA national president, J. Roy Carroll, Jr., of Philadelphia, who was elected at the meeting.* RIGHT: *Virginia Chapter president John Owen, of Lynchburg, and Executive Secretary Nan Quensen with Louis Oliver, of Norfolk, in the exhibit area at the AIA national convention.*

SECOND ROW, LEFT: *At the business sessions Virginia Chapter President Owen (left) talks with Thomas Leachman, Herbert L. Smith, III, and Marcellus Wright, Jr., Virginia delegates to the convention.* RIGHT: *Louis Oliver, Virginia chapter delegate, stands by the indoor terrarium at the convention hotel in Miami Beach.*

THIRD ROW: *Louis Oliver, John D. Owen and Landon Smith, of Roanoke, all delegates, discuss the changes to the architects' organization made during the meeting.*

BOTTOM ROW, LEFT: *Thomas R. Leachman, Herbert L. Smith, III, and Louis Oliver check the new IBM cards used for balloting at the convention.* RIGHT: *Floyd K. Starnes, President of the Florida South Chapter, AIA, and hosts to the national convention, looks over the skyline from the hotel with Marcellus Wright, Jr., Virginia Chapter President John D. Owen and Herbert L. Smith, III.*





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Three Colonial Churches

(*Continued from page 14*)

double hung windows. The new wing will balance off the church and provide an enlarged sanctuary, church school rooms, a new church parlor, a fellowship hall and kitchen, music rooms and administrative offices.

Consultants on all three church projects were the same with Counts, Lawrence and Wheeler acting as consulting engineers for mechanical and electrical and Fortune Engineering Associates serving as structural consultants.

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Earl K. Rosti, Inc., Falls Church, general contractor, concrete, carpentry; Allied Excavating Service, Fairfax, excavating; Glen C. Baker, Falls Church, masonry; Adams Fabricated Steel Corp., Washington, steel; H. T. Harrison & Sons, Inc., Rockville, Md., roofing; R. B. Phelps Stone Co., Washington, stone work.

Miller Mfg. Co., Inc., Richmond, windows, millwork, glazing; Wilmar Contractors, Inc., Vienna, painting; Chamberlin-Washington Div., The Chamberlin Co. of America, Inc., Washington, weatherstripping; Wayne Insulation Co., Inc., Arlington, insulation; Southern Floors & Acoustics, Inc., Arlington, acoustical.

Dodd Bros., Inc., Falls Church, plaster; U. S. Tile & Marble Co., Inc., Washington, ceramic tile; Marty's Floor Covering Co., Inc., Alexandria, resilient tile; W. M. Schoenfelder & Associates, Inc., Bethesda, Md., steel doors and bucks; American Iron Works, Inc., Bladensburg, Md., handrails; Capital Lighting & Supply, Inc., Alexandria, lighting fixtures; Dorsett Electric Co., Washington, electrical work; Brandt Co., Arlington, plumbing (American-Standard), air conditioning, heating, ventilating; Southern Desk Company, Hickory, N. C., church pews.

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Wilmar Contractors, Inc., Vienna, painting; Hodges Home Insulation Co., Arlington, weatherstripping; Wayne Insulation Co., Inc., Arlington, insulation; Anning-Johnson Co., Alexandria, acoustical; Dodd Bros., Inc., Falls Church, plaster; Vick Tile Co., Washington, ceramic tile; Marty's Floor Covering Co., Inc., resilient tile.

W. M. Schoenfelder & Associates, Inc., Bethesda, steel doors and bucks; Capital Lighting & Supply, Inc., Alexandria, lighting fixtures; Walter C. Davis & Sons, Inc., Alexandria, electrical work; Baco Co., Inc., Arlington, plumbing (American-Standard), air conditioning, heating, ventilating; Southern Desk Co., Hickory, N. C., church pews.

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Nelson Maffett, Springfield, painting; Hodges Home Insulation Co., Arlington, weatherstripping; Wayne Insulation Co., Inc., Arlington, insulation; Dodd Bros., Inc., Falls Church, plaster; Ward & Woods Tile Co., Washington, ceramic tile; Marty's Floor Covering Co., Inc., Alexandria, resilient tile.

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Norfolk Library

(*Continued from page 11*)

the mezzanine level. Spandrel glass is also in a dark charcoal gray, so as to give an uninterrupted facade of grayed glass. The site slopes downward from Plume Street to City Hall, therefore the entire complex is built on a level podium raised nearly four feet above the lower street. The podium face is sheathed in gray granite.

To complete the description of the building, the ground and mezzanine floors feature stainless steel and aluminum trim with vertical walnut panelling on the walls of the central core area, which houses mechanical spaces, work rooms, stairway, booklift and two public and one staff elevators. Ceiling in the large public area is of the continuous illuminated type. In all other public and work areas, suspended acoustical tile and flush ceiling lighting is featured, with the exception of the closed stack areas, where ceilings are omitted. Floors are of vinyl tile on the ground and mezzanine floors, vinyl-asbestos tile on the second floor, and asphalt tile on the third floor and in the closed stack areas.

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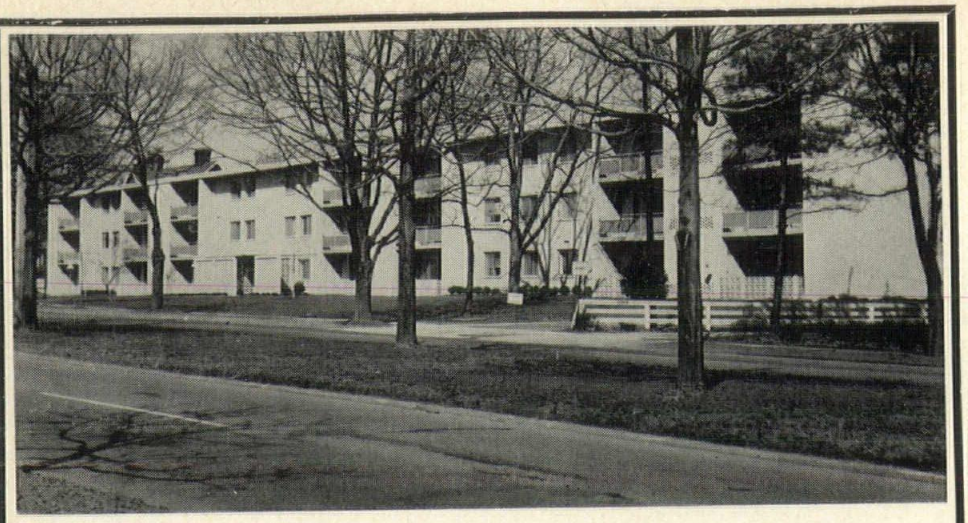
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Richmond Apartment Overlooking James

(*Continued from page 21*)

one bedroom apartments will have semi-recessed balconies. The penthouse units will have a continuous promenade deck or balcony the full length of each apartment. Appropriate screening will be utilized between the units.

The apartment flooring will be hardwood parquet. All interior walls are of drywall construction. There is a minimum of plaster within the building. All halls and public areas adjacent to the living units will be carpeted.

Two high speed passenger and one freight elevator will service all levels.

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A drive-in approach under the Riverside Drive side of the building will provide easy access in inclement weather.

The lobby will have floor to ceiling glass on all exterior walls, with a terrazzo floor and all interior walls of walnut paneling.

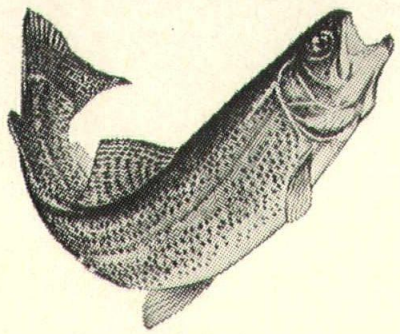
The structure is of reinforced flat plate concrete construction. All mechanical service ducts are vertical with collection and distribution only at the second and fourteenth level.

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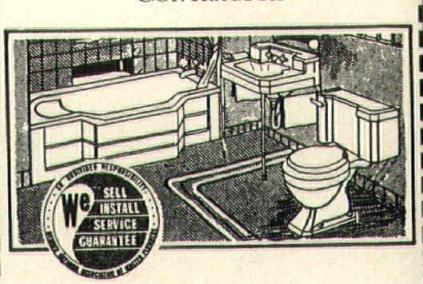
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Old Dominion (*from page 20*)

the traditional style which characterizes the earlier buildings on the campus, but in harmony with the recent buildings, is of contemporary style and constructed of brick and stone. The entrance is approached through a raised courtyard and terrace and enters a lobby which is enlarged seemingly by the glass entrance wall. The entrance wall is accentuated by massive marble slabs which are suspended between the exposed precast concrete uprights. The "U" shape of the plan opens up onto the future mall which will be developed in front of the building as the college is expanded.

This new building is designed to house the college's Engineering Department and to make possible the new degrees program in engineering recently established at the college. Its cost is expected to exceed $500,000 and its completion date is expected in 1964.

Health & Welfare (*from page 17*)

combine Health and Welfare activities into the same building but still maintaining well separated areas, thus to improve communications between the two departments and to reduce fixed costs by this consolidation, allowing each department to have joint use of certain required facilities.

Mrs. Margaret L. Malley, Superintendent of the Roanoke County Welfare Department, and Dr. Charles P. Pope, Director of the Roanoke County Health Department, assisted the Architect in the preparation of a program of requirements for their respective offices.

Basic-Witz (*from page 26*)

five feet above the floor, assuring privacy with no outside distraction; early morning or late afternoon sun will be controlled by vertical venetian blinds.

The flat roof is extended five feet on all sides of the building for protection from the elements and the sun. Building entrances are located on all four sides and 65 off-street parking spaces are provided in the paving and one-way drive which surrounds the building. Completion is expected in June of 1963.

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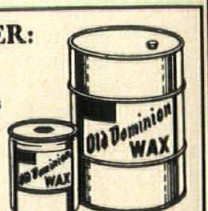
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Plastering contractor: Riverside Office, Peoples National Bank of Central Virginia, page 27

J. E. Sears & Company, Inc.

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Brick Manufacturers

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WINCHESTER, VIRGINIA

Brick suppliers for Broad Run Elementary School, featured on page 23

J. L. SMITH CORPORATION

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General Contractor for Park View Christian Church, Featured on Page 20

W. W. MOORE & SONS

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706 Dawn St.—RICHMOND, VA. Dial MI 4-2316 Richmond

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RICHMOND 25, VA.

WILLIAM H. MURPHEY

Contemporary Emporia Church

(*Continued from page 12*)

in the bold use of new materials and new techniques as well as in the basic interrelationship of the several units, it is admitted that the motor car is here to stay. Mr. Grigg also notes that the program of the church in this day is multiple and that population explosions render no church plan safe from sudden and unanticipated expansion.

Designer of a number of outstanding contemporary churches, the architect expressed his philosophy, "It is on the interior of the church room that the strong statement of the faith and the belief of the group is expressed; here in the arrangements, furnishings, and in the subtle use of light and color, there has been expressed the belief that here is a body of believers made one by the presence of the Holy Spirit . . ."

Chesapeake City Jail

(*Continued from page 26*)

Outstanding features of the administrative and law enforcement areas include a drive-through, completely enclosed sally port with motorized doors operated by the dispatcher to facilitate the handling of prisoners. Also included is a classroom seating 45 and a special guest room and bath for visiting officials.

Materials for this project were selected to blend with other new edifices in the Civic Center. Total contract cost of this jail project amounted to $725,449.01.

SUBCONTRACTORS AND SUPPLIERS

Hall-Hodges Co., Inc., Norfolk, reinforcing steel, steel doors and bucks; M. G. Bagley, Kenbridge, masonry; Barnum-Bruns Iron Works, Norfolk, steel; Guille Steel Products Co., Inc., Norfolk, steel joists; J. B. Eurell Co., Richmond, roof deck; J. D. Miles, Norfolk, roofing; Economy Cast Stone Co., Richmond, stone work; Wm. Bayley Co., Springfield, Ohio, windows; B & P Electric Co., Inc., Norfolk, sound system, electrical work (Smithcraft and Perfeclite fixtures).

Walker & Laberge Co., Inc., Norfolk, glazing; W. I. Oakley, Richmond, painting; E. Caligari & Son, Norfolk, plastic wall finish; Starks Ceramic, structural tile; Diamond Hill Plywood Co., Inc., Richmond, paneling; Seaboard Paint & Supply Co., Inc., Norfolk, hardware; W. Morton Northen & Co., Inc., Richmond, acoustical, resilient tile; Johns Brothers, Norfolk, plaster; Joe Rainero Tile Co., Bristol, ceramic tile, terrazzo.

Plastic Sign Sales, Roanoke, metal letters; Princess Anne Plumbing & Electrical Supplies, Inc., plumbing (American-Standard), air conditioning (Trane), heating (Trane and Kewannee), ventilating (Carnes); Grant E. Key, Inc., Lynchburg, kitchen equipment; Virginia Tractor Co., Inc., emergency power; Roanoke Iron & Bridge Works, Roanoke, jail equipment; Allen Business Equipment, Inc., Carnegie Office Appliance Co., Norfolk, office equipment.

Excavating, foundations, concrete work, carpentry, waterproofing and millwork were by the general contractor.

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HUGH S. GRIFFITH & SON

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COMMERCIAL — INDUSTRIAL

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JOHN G. DUGGAN & CO.

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Plastering Contractor for Cardwell Machine Co. Plant and Office Building, page 22.

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NORFOLK, VIRGINIA

Installers of the New Typhoon Heat Pump Which Air Conditions, Heats and Ventilates the St. John's Lutheran Church, Page 12.

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Electrical Contractors

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MARTINSBURG, WEST VIRGINIA

Hot in the Daytime

(*Continued from page 5*)

Now, Virginians no longer act on this attitude in practical affairs. While we might pine for the days of Dobbin and old Bossy the cow, we are proud of the industries that provide economic security and—yes—the highways that carry hundreds of thousands of mechanized machines daily into all corners of the state, and bring the machines into the very crowded streets of our growing cities. Along with this, our state government and representative newspapers have announced that the educational standards of Virginia can no longer be measured against Mississippi's, but must be measured by national standards. This surely is an admission that, in the vital area of public education, what was once good enough for Virginia no longer is.

Without intending any note of cynicism, it is possible that providing *nationally* acceptable educational standards was at least in part prompted by the practicality of ending the McKinley era in education for the personnel of industries coming into the state. Once Virginia leaders have made the open admission that it does need to compete on national levels in some aspects of its cultural life, it might be seen that one next logical step is to realize that urban centers also need to compete on the national level.

During the time-lag, as was pointed out in the description of the Dallas couple's fate, we permit ourselves to be treated to a television fare that would have offended the denizens of Big Lick back in the days before the railroad came. In fact, the television fare would be offensive to anybody at any time except this one precise generation which, accepting the idiot box originally as a novelty, has experienced such a debasement of taste and devaluation of its time as to submit itself as a willing captive audience to a blatant, vulgar, conscienceless exploita-

W. E. CUNDIFF

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Electrical Contractors for Park View Christian Church. See Page 20.

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THE ROANOKE TIMES

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The Roanoke World-News

OVER 100,000 WESTERN VIRGINIANS SAY,

"They are my kind of Newspapers!"

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WAYNESBORO, VIRGINIA

General Contractor: Riverside Office, Peoples National Bank of Central Virginia. See Page 27

JOHN C. MANOS

Representing

DAY-BRITE LIGHTING

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416—17th St. **Virginia Beach, Va.**

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Norfolk: Phone UL 3-4525

Subcontractor for plumbing, plumbing fixtures, air conditioning, heating and ventilating for Trailways Terminal, featured on page 15

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Roofing Contractor

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WAYNESBORO, VIRGINIA

Roofing Contractors: Basic-Witz Office Building, Page 26

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RICHMOND 20, VIRGINIA

Lighting fixtures supplied for new Norfolk Trailways Terminal, page 15

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FIRST TERM: June 10-July 16
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tion of national resources to commercial advertisement. The stations, the networks, the sponsors—all, individually and as a chain of exploitation—have used and abused the American public, *with its consent,* to an extent that would make Barnum gasp in incredulity. He believed that you can fool some of the people all the time and all the people some of the time, but television seeks to prove all the audience are suckers all the time. This is not so.

In order to be "treated" to a few feet of film that passes for entertainment, the audience will sit, as if imprisoned, to receive in its retinal and auditory passages leading to the brain —and presumably to the spirit—a bombardment of barkers with ingenious, infantile and imbecile techniques for attracting attention to some product. Gone are the days of the harsh-throated barker at the Fair's sideshows, with his simple, "Only ten cents, one thin dime, a tenth part of a dollar." Now we have complete stories, acts, cartoons, of such length and intensity that one coming into a room has difficulty in knowing whether the commercial or the entertainment is on.

At times, I have tried to watch old movies, but the cuts for commercials break all continuity, destroy any mood or suspense, and I found that I was invariably bored into drowsiness. My last attempt was to see a 9 o'clock movie with my nine year old daughter. From having worked in pictures, I appreciate the great skill and patience that goes into cutting the thousands of feet of film into a sequence of frames that gives illusion, and sometimes artistry with fades and dissolve shots. On this night, what had been a good technical picture was hacked to clumsiness by some local station "cutter," who sliced across sequences with total disregard for any value except getting from a scene of the film to the really important scenes of showing

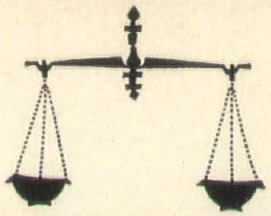
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Masonry Contractor

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KENBRIDGE, VIRGINIA

Masonry Contractor for Chesapeake Jail, Featured on Page 26



Perfect Balance

SMALL enough to give prompt personalized service.

BIG enough to supply technical "know how" and assured supply.

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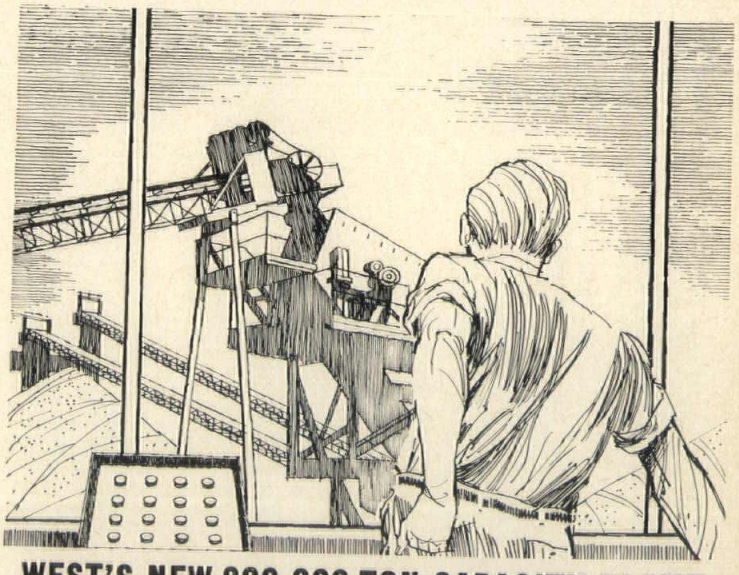
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RICHMOND, VIRGINIA

Gypsum Roof Deck Installed on Chesapeake City Jail, Page 26



WEST'S NEW 800,000 TON CAPACITY PLANT

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This new plant incorporates the following outstanding features. Plant control by one man • Unique Automatic Blenders • In-plant Telephone • Mercury Vapor Lighting • Electric Heat • Modular Design Buildings • Southern Railway Siding.

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CH 4-4919
660 39th St.
NEWPORT NEWS, VA.

ladies' disembodied girdles floating through space.

As I always turn the sound off commercials, I'd no idea what the girdle was doing there, but it made it awfully hard to recapture 18th Century France. After eleven o'clock, though then soggy with boredom, my daughter and I determined to watch to the end anyway; but when ice skaters came on at eleven-thirty, we called it a day and never did find out how the picture came out. By then, we had forgotten what the picture was about.

Now, if Virginia cities are going to offer only television as diversion for the visitors, let alone taxpaying natives, *there* is fertile field for experiments in education. In the cities from which our visitors come, there are non-commercial stations and, fellow-citizens, our visitors know the experience of being able to turn the dial and never have the screen filled with men wrestling or hitting balls or hitting each other, nor even with snatches of horribly cut movies used to string together the beads of advertising pitches. These things go on in the world outside Virginia, just as there are pleasant lounges where (excuse the word) "cocktail" music is played and decorative people converse.

But here, with nowhere to go, when shut up in their rooms they are forced to watch a form of so-called "escape" which fills them with the one urge to escape *from* it. To some visitors of highly cultivated tastes, to put them in a hotel room with the idiot box limited to our local channels would be like an invitation to escape into a lunatic asylum.

It has worked out in other places that non-commercial stations caused an improvement in the fare of the stations devoted to barkers. Where would Macy's be without Gimbel's? In New York City, where the most diverse entertainment is offered in the evenings, the television is of the highest quality in the nation It has its run of tedium and trash, but no one is restricted to it. As long as neither non-commercial stations nor night entertainment offers competition, no station owner is going to be so idealistic as to abandon his fugitives from Major Bowes' "Amateur Hour" as breaks for his commercials. But competition is the breath of life in an unidealistic country, and it could happen here—maybe in the next century.

Clifford Dowdey

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STAINLESS STEEL
LETTERS

Hand Crafted to Your Design, As A Piece of Fine Silver, by Our Master Metalsmiths.

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SNOW, JR. AND KING, INC.

Masonry Contractors

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Phone MA 2-2858
NORFOLK 4, VA.



Grueling torture test proves Asphalt surfaces and curbing unharmed by de-icing salts

One advantage of **Deep-Strength** Asphalt pavements that is familiar to most Northern and many Southern road-builders is the remarkable resistance Asphalt surfaces have to damage from de-icing salts. Highway engineers have known for many years that while the scaling action of these salts can do serious harm to slab-type pavements and curbs, Asphalt pavements and curbs are not adversely affected.

Now, dramatic proof of just how strongly Asphalt pavements and curbing do resist de-icing salt damage may be found in the results of a special pavement "torture test" just completed by Asphalt Institute research engineers. In this test, typical sample sections of Asphalt pavement, covered with a 0.2-inch layer of water, were repeatedly frozen and then thawed by applications of rock salt and calcium chloride.

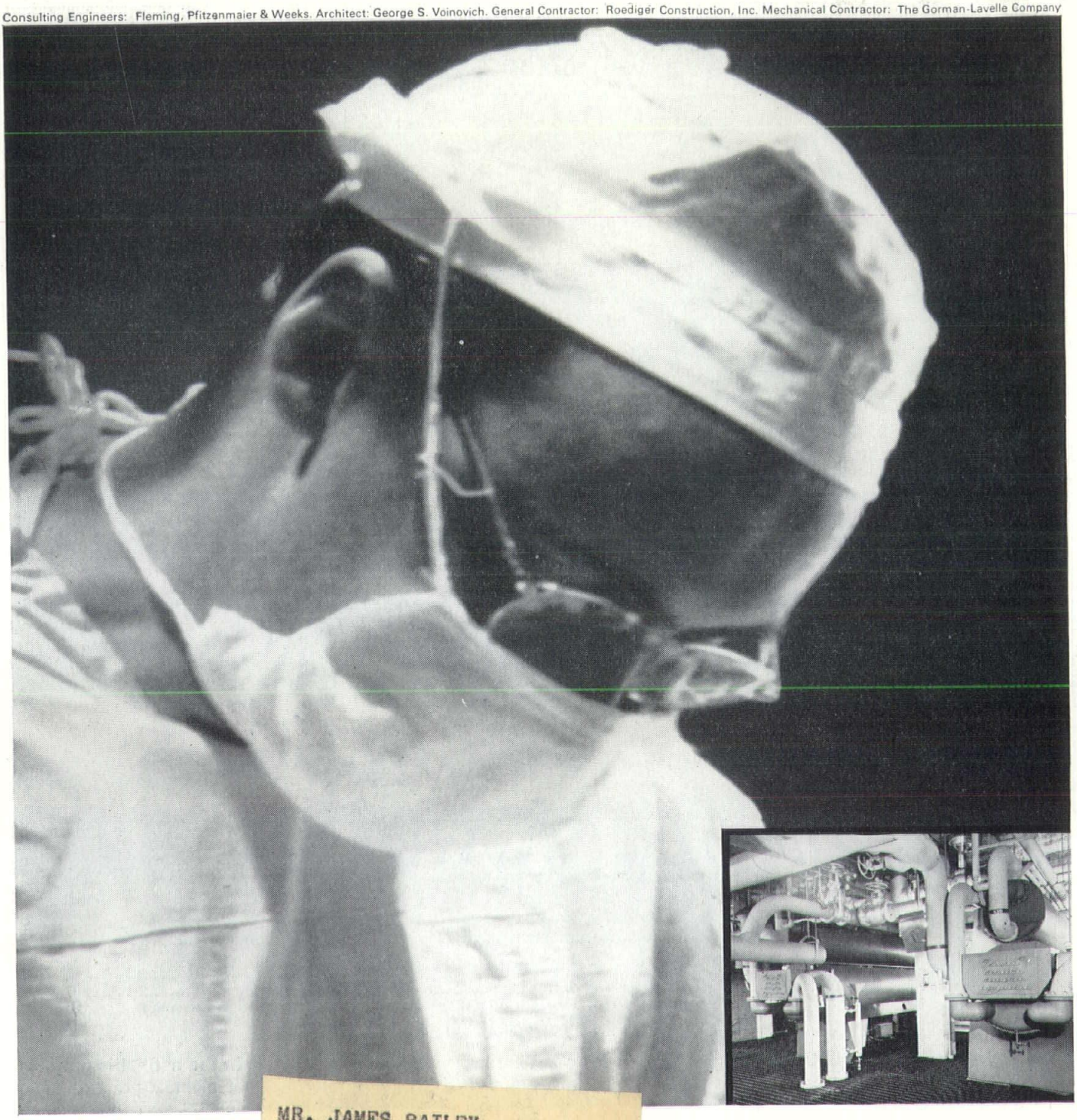
After six months of daily repeated freeze and thaw cycles, the results proved Asphalt pavements "virtually immune to damage from common de-icing salts." There was no significant change in the asphaltic properties or strength of any sample. No scaling or loss of aggregate had occurred.

For the state, county and city road-builder, Asphalt pavements have other advantages as well. Multi-layer Asphalt construction—Asphalt surface on an Asphalt base—provides a stronger, more durable road. Modern, **Deep-Strength** Asphalt pavements can be built faster and easier, and are less costly to maintain. Traffic stripes are more visible, in any weather, day or night, to guide you safely. And Asphalt surfaces are quieter and smoother-riding. No thump-thump-thump.

Taken together, the facts add up to this: inch-for-inch and dollar-for-dollar, new **Deep-Strength** Asphalt pavement is your soundest road investment.

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